

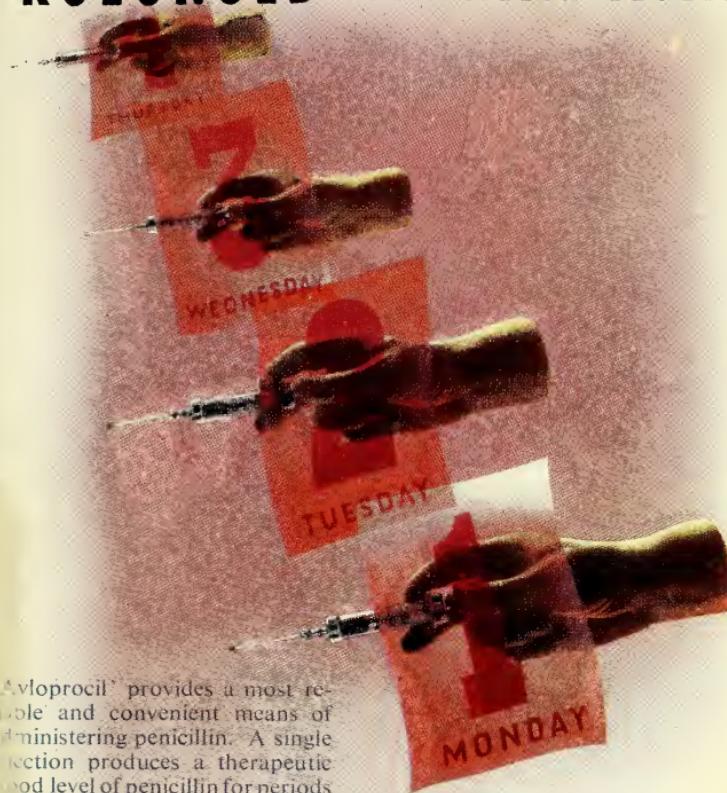
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RETAILER — WHOLESALER — MANUFACTURER

MAY 27, 1950

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The CHEMIST AND DRUGGIST

for RETAILER—WHOLESALE—MANUFACTURER

MAY 27, 1950

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Volume CLIII

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NEWS OF THE WEEK

Soap Rationing.—The Soap (Licensing Manufacturers and Rationing) Order, is being re-enacted and amended to provide for the use of the appropriate coupons in the ration books which come into use on May 21.

Obstetrics College Appeal.—An appeal has been opened for £400,000 to further the work of the Royal College of Obstetricians and Gynaecologists. The College has been absorbed by the National Health Service.

Visit of French Industrialists.—A party of French industrialists visited London, May 7-14, under the auspices of the Comité de Chimie Industrielle. The Society of Chemical Industry arranged a programme of works visits and functions.

Pest Control Association.—The following Officers will serve the Industrial Pest Control Association for the year 1950:—*President*, Dr. F. R. Coyne; *Vice-president*, Mr. S. W. Hedgcock; *Treasurer*, Mr. Stuart Kregor; *Auditors*, Messrs. G. L. Remond and G. P. Pollard.

Stamped Measures Fees.—The Weights and Measures (Verification and Stamping Fees) Order, 1950 (S.I. No. 512) which came into operation on May 1 prescribed increased fees for the verification and stamping of weights and measures. The fees are considerably higher than hitherto and in some cases trebled. It is understood that wholesalers' prices for apothecaries' stamped measures and weights are consequently about doubled.

Statutory Committee.—The Statutory Committee of the Pharmaceutical Society is meeting in London at 10.30 a.m. on June 1 to (1) resume the adjourned inquiry into the complaint against a member of the Society from which it appeared that he had been conducting a dispensary in association with a registered medical practitioner, and (2) consider complaints received concerning the advertising of dispensing services by corporate bodies registered as authorised sellers of poisons.

Manitoba Flood Disaster.—London merchants dealing in Canadian drugs have cabled to Winnipeg to express sympathy

with victims of the recent floods. Mr. Maitland Steinkopf (vice-chairman, Manitoba Flood Relief Fund) who replied on May 21 thanking the senders of the cable, said that the water had not yet subsided and that the "disaster beggars description; financial assistance is urgently required." [It is understood a British Relief Fund is under consideration.—EDITOR.]

Training of Apprentices.—It was stated at the annual conference of the North-western section of the Co-operative Union at Southport on May 13 that the Co-operative movement had for some time been extending its activities in the pharmaceutical field, but that there was now a shortage of pharmacists. The North Lancashire Council had sent two resolutions to the Central Board asking the Board to consider a scheme for training apprentices. No reply had been received. The chairman said that the resolutions had been considered by the Central Board and passed on to the panel of consultative co-operative chemists, which had been asked to advise how to operate such a scheme.

Socialist Medical Resolutions.—The twentieth annual meeting of the Socialist Medical Association held in London on May 20-21 unanimously passed a resolution calling for the nationalisation of the drug industry, "to save money without detriment to the principles of the Health Service." The resolution recommended the setting-up of a "commission to work out the use of proprietary medicines in general and specialist practice." The meeting also unanimously passed a resolution put forward by the pharmaceutical group that pharmacists should be authorised to substitute official for proprietary preparations in N.H.S. dispensing except where prescriptions were otherwise marked; that National Formulary medicines should be improved in appearance and palatability; that manufacturers should be encouraged to make N.F. preparations; and that the N.F. committee should be reconstituted to include general practitioners in pharmacy and medicine. The resolution was moved by Mr. B. A. Williams, M.P.S., Brentford, Middlesex, who said that doctors had told him they were not interested in prescribing proprietary medicines but used the proprietary names for convenience. A doctor in his district had arranged that he should substitute official for proprietary preparations in an agreed list, and endorse the prescription to that effect.

LOCAL NEWS

Slough Cricket Club Dance.—A dance to mark the opening of the cricket season was held by the Slough Chemists' Association and Cricket Club recently. There were many spot and competition dances and prizes donated by various members of the Association.

Approved or Imposed?—When Lincoln Executive Council met recently Mr. G. K. Lenton, M.P.S., complained that Ministerial circulars were often ambiguous and gave rise to wrong interpretations. He referred specifically to a circular which stated that the Minister had approved an alteration in the terms of service for chemists by a reduction in the oncost percentage. "When the Minister has said that he approves such a thing he actually means that he has imposed it on us," said Mr. Lenton.

Romford Newcomers Hold Back.—The secretary of the Romford Branch of Pharmaceutical Society in his annual report on the work done in the session recently ended, states that letters of welcome were sent to all members new to the area, and an effort made to encourage the wearing of name badges at meetings to stimulate social activity. The results were "disappointing . . . some new members did not reply to the letter . . . and the provision of badges did not have the desired effect. The average attendance of members twenty-four, compared with thirty-one last year.

Smethwick Sunday Hours.—In a report published in the local Press to a complaint made by the Smethwick town council that the hours of opening on Sunday of chemists' shops locally were inadequate, Mr. A. M. Carr (chairman, Smethwick Pharmaceutical Council) pointed out that if the shops were open 11.30 a.m.-12.30 p.m. on Sundays. In addition, certain chemists gave a day and night service for prescriptions marked "urgent." The matter was discussed at a meeting of the Smethwick Pharmaceutical Association on May 15, and it was agreed no action should be taken unless the Executive Council suggested a revision of the hours.

Half-century in Pharmacy.—At a meeting of the Merseyside Branch of National Association of Women Pharmacists held on May 15, Mr. H. Humphreys Jones, J.P., Ph.C., F.R.I.C. (principal

erpool School of Pharmacy) was the maker. Under the title "Intellectual Emblyings," he gave an account of his work in pharmacy from 1894. He brought him many things of interest including a Latin examination paper of last century; his indentures; and a book of forms used in 1895. Mr. T. Stephen Jones, who said he had first met the maker when they were apprentices, related the conditions under which they had worked. Miss M. Griffith Jones proposed a vote of thanks to Mr. Humphreys Jones Welsh, and Miss M. C. Dodd proposed a vote of thanks in English. During the meeting the president of the Branch (Mrs. S. Jones), presented Mr. Humphreys Jones, on behalf of members, with a pair of cuff-links, and his wife with handkerchiefs and flowers.

Oncost Cut: Local Action.—A meeting of Warwickshire Pharmacists was held in Leamington Spa, on May 17, to discuss reduction in oncost and other matters concerning the National Health Service. C. Davis (chairman, Pharmaceutical Committee) in the chair. It was agreed that a similar meeting of contractors should be called as and when required, and in case not less frequently than annually. It was resolved that the meeting had full confidence in the Negotiating Committee. Resolution "that the meeting condemns dictatorial action of the Minister in imposing the reduction in oncost, and calls on the Negotiating Committee to resist action to the utmost, and assures the support of the Warwickshire contractors in any action that is considered necessary, even to the withdrawal of service" carried unanimously.—At a meeting of North Metropolitan Branch of the National Pharmaceutical Union on May 21 the following resolution was passed:—

"That if the Ministry of Health persists in maintaining the cut in oncost on National Health Service dispensing the N.P.U. should conduct a plebiscite of all contractors to ascertain whether they are prepared to withdraw their services after giving three months' notice." A rider was added "that dispensing should be continued and charged for, and receipts given . . ." A vote of confidence in the contractors' committee was proposed and after some delay seconded, but was overwhelmingly defeated.

Cornish Branch Meeting.—A large body of members of the Cornish Branch of the Pharmaceutical Society met at Truro, recently, under the chairmanship of Mr. C. E. Underhill (mayor of Saltash), to hear Mr. Arthur Mortimer, M.P.S., speak on current pharmaceutical matters. Prior to the address a resolution was passed urging the Society to continue recognition of the Plymouth Technical College and the Bristol School of Pharmacy as centres for the Chemist and Druggist examination. Mr. Mortimer dealt with the reasons that had caused the formation of the Proprietary Articles Trade Association and showed that a system of price maintenance gave a reasonable profit for work done to all sections of the trade. He gave advice on taking advantage of advertising, saying "Don't sell things, sell human interest . . . People are alive. Things are dead." The advantage of branded advertised goods was that they were half sold before they reached the chemist. Mr. Mortimer referred at length to pharmacists who refused to dispense prescriptions containing Dangerous Drugs because of the additional trouble involved and to others who did not keep their stocks up to date, telling the customers to go elsewhere for the goods they wanted. It was essential, he urged, to show that a



GLASGOW'S ALL-NIGHT PHARMACY.—In the House of Commons recently (see C. & D., May 20, 1950) the Secretary for Scotland (Mr. Hector McNeil) stated that one pharmacy in Glasgow was open night. Pictures show pharmacists at work and waiting room at Boots, Ltd., Sauchiehall Street.

chemist working in his own pharmacy could do the work of supplying the medicinal needs of the people more efficiently and more cheaply than any clinic.

Edgware Lecture on Perfumery.—At a joint meeting of the Hendon and Edgware Branches of the Pharmaceutical Society and National Pharmaceutical Union at Edgware recently Mr. Paul E. Johnson (chief perfumer, Goya, Ltd.), gave an address entitled "Perfumery through the Ages." After giving a survey of the uses of perfumery from the earliest times and explaining the various methods of extraction of volatile oils (*C. & D.*, March 4, p. 283) Mr. Johnson said that Bulgaria had become the greatest producer of rose oil because its soil was particularly suited to rose growing. Supplies were now hard to obtain as they were only sold for dollars. The orange tree was one of the most useful plants in perfumery, as it yielded four different oils—absolute, from the blossom; neroli, extracted from the blossom with volatile solvent; petitgrain, from the leaves and twigs; and oil of orange from the fruit rind. Neroli and petitgrain were used in Colognes which were originally made with a mixture of citrus oils and orange blossom oils. Perfume oils could be grouped into spicy, balsamic, floral or musky according to their odour. They were also grouped into basic or heavier, more volatile and very volatile. In the blending of a perfume, a heavier oil was selected first, such as oil of oak moss, to this were added some of the more volatile oils and finally the very volatile oils known as "top notes" were added. After blending, it was necessary to fix the perfume and the fixatives used included ambergris, civet and tonquin musk. Ambergris was used in the form of a 2 per cent. tincture. Civet was a gummy substance ejected by the Abyssinian wild cat when attacked. To obtain it, the animal was put in a small cage and prodded by the natives who collected the civet and packed it into containers made from the horns of a species of ox. Another fixative was castoreum obtained from the male Canadian beaver. When one considered the vast quantities of raw materials needed, the labour involved, the difficulties in obtaining fixatives, it was easy to understand why perfumes were expensive. For one pound of otto of rose, from three to five thousand pounds of flowers were required. During the preparation of expensive perfumes, close personal supervision was exercised by the perfumer over the blending process.

IRISH NEWS

Pilgrimage to Lourdes.—Pharmacists and friends wishing to join in the pilgrimage to Lourdes, 1950, should communicate without delay with the pilgrimage secretaries, 69 Palmers Road, Dublin.

Gaelic Athletic Club.—In a recent league game, the College of Pharmacists Dublin, Gaelic Athletic Club was defeated by the Army Air Corps team (who were their first opponents in August 1948). They have not met since, and only three of the team played on both occasions Messrs. Tom O'Keefe (acting captain on the first occasion), John Roche and Sean Fox.

OVERSEAS NEWS

New Moroccan Seaweed Industry.—100 tons of algae is to be treated daily in a new factory at Safi, Morocco, for extraction of iodine salts and suspending agents.

Holland to Produce Streptomycin.—Production of streptomycin, which formerly had to be imported, is being started in Holland at Gorcum, South Holland, by Central Sugar Co., Amsterdam, in operation with the Hayden Chemical Corporation, New York.

Imperial-metric Calibrations Demand.—A meeting of the Canadian Pharmaceutical Association in Toronto recently proved a recommendation put forward by the Ontario College of Pharmacy call for measures used in dispensing to be calibrated in metric and Imperial units.

New Anti-mite Compound.—A new insecticide for use against mites—ethyl *p*-nitrophenyl thionobenzene phosphor (EPN) is going into commercial production in the United States. The compound is claimed to be less toxic to warm-blooded animals than other organic phosphorus compounds used in mite control.

Anti-T.B. Measures.—The Turkish Health Ministry and the Anti-Tuberculosis League of Istanbul are financing the construction in Istanbul of the first demonstration and training centre for tuberculosis control to be set up under the World Health Organisation.—The first shipment of thirty Dutch x-ray units, out of a total of 140, has left Rotterdam for Gdynia, Poland, as equipment for the Polish national anti-tuberculosis campaign which is being aided by the United Nations International Children's Fund and World Health Organisation.

TOPICAL REFLECTIONS

Prospective Changes in Rating

The article headed "Rating Methods under the New Act" (pp. 606, 640) should be carefully studied by those of our readers who are ratepayers. Though the new Valuation Lists do not come into force before 1952, it would be unwise to assume that there is plenty of time to think about the subject, and then, perhaps, to dismiss it from one's mind. In this short paragraph it would be out of place to attempt to summarise the arrangements. They are of such intricacy that in some cases the help of a solicitor, accountant or both may be necessary. It may be mentioned, in passing, that valuations will be in the hands of Inland Revenue officials, and that occupiers of property will not receive individual notices of entries in the draft lists. One or two remarks of a general nature may be appropriate. For many years past there has been a consensus of opinion that the rating of a pharmacist should in ordinary circumstances be lower than that of other shopkeepers in the vicinity, because of the higher turnover and net profit of this class of business. As valuations are to be conducted by civil servants who may be unaware of this fact, it will possibly be necessary to contest many of their valuations. The efforts of the National Pharmaceutical Union to obtain full statistics of the cost of carrying on the business of a chemist and druggist should now have borne fruit in the full realisation of the importance of keeping up-to-date shop figures. Overseers of the old system of valuation were some areas given to raising assessments without warning: it remains to be seen whether occupiers fare better in this respect under the new regime.

British Industries Fair

We must hope that the increased attendance at this year's British Industries Fair (pp. 631-35) will be reflected in larger sales of the materials and products shown. Exhibitors' demonstrations appear to be more numerous than before. The value of a demonstration in proving sales hardly needs an allusion: a demonstration often dispels subconscious doubt in a customer's mind. Your account of a plastic wash-bottle, which ejects a jet when squeezed, attracted my attention by an unusual coincidence. It happens

that I have been reading a biography of Sir Arthur Conan Doyle by J. D. Carr. In Chapter III the author relates that in the summer of 1878, when Doyle was nineteen years old, he was staying with relatives in London and was seeking a position as assistant to a medical practitioner. Writing to a friend, he reported the popularity of a toy called the "Lady Teazer Torpedo." This was a leaden bottle made to contain water. "If you squeeze it," he continued, "a jet of water flies out, and the great joke at night is to go along the streets squirting at everybody's face, male or female. Everyone is armed with these things, and nobody escapes them. I saw ladies, stepping out of their carriages to parties, drenched and seeming to enjoy it highly." Obviously there is no connection between this contraption and the wash-bottle referred to as an exhibit at the Fair.

N.H.S. Definitions

The report on differentiation between foods and drugs for National Health Service purposes, abstracted on p. 644-45, gives guidance on a subject that is and has often been in the minds of dispensers. In 1928 the medical benefit subcommittee of the London Insurance Committee drew up a list of 174 preparations, some of which were designated foods and others drugs. An Advisory Committee to consider and report on definitions of drugs and medicines for medical benefit under the National Health Insurance Acts was appointed by the Minister of Health in the following year. It issued two reports; they were summarised in your issue of February 22, 1930. In the second report six classes of substances and preparations were defined. That arrangement and the present one differ in grouping, but, as is natural, many names of well-known preparations appear in both lists. Since 1929 a new factor in the situation has arisen—the appearance of formulas on all labels of proprietary medicines: this factor has changed the status of several articles which in 1929 were of undisclosed composition. As you point out (p. 637), later reports may prove to be more controversial than this one. Even as it is, the expression "and similar preparations" may give rise to different interpretations in different districts.

Xrayser

NEW COMPANIES

BERTRAM GRIFFITHS DRUG AND CHEMICAL CO., LTD. (P.C.)—Capital £250 in 5s. shares. George Thomas, M.P.S., and Bertram L. Griffiths, directors. R.O.: Frasers Yard, Bute Road, Cardiff.

FERGUZADE, LTD. (P.C.)—Registered in Edinburgh. Capital £6,000. To acquire the business of a manufacturer of medicinal and aerated water beverages now carried on in Dundee by John H. Ferguson. D. M. Rattray and John H. Ferguson, directors. R.O.: 130 West High Street, Forfar.

UNIVERSAL CROP PRODUCTION, LTD. (P.C.)—Capital £10,000. To carry on the business of manufacturers of and dealers in insecticides, fungicides, weedkillers, fertilisers and all chemical and other products, etc. First directors are to be appointed. R.O.: Baltic House, 27 Leadenhall Street, London, E.C.3.

COWERN & HARTSHORNE (CHEMISTS), LTD. (P.C.)—Capital £10,000. To acquire the business of chemists and druggists carried on at 183 Walsall Road, Great Wyrley, and at 177 Cannock Road, Chadsmoor, Staffs. Kenneth V. Hartsorne, M.P.S., Arthur Cowern, M.P.S., and Henry V. Weetman, M.P.S., directors.

Company News

JAMES WOOLLEY, SONS & CO., LTD.—Lists opened and closed on May 18 for the issue (see *C. & D.*, May 13, p. 591) of £250,000 4½ per cent. first debenture stock, 1960-75, at £99 per cent. The issue was heavily oversubscribed; an amount of £114,400 has been allotted in respect of preferential applications.

GLAXO LABORATORIES, LTD.—An interim dividend is announced of 5 per cent. actual on the ordinary stock on account of the year ending June 30, payable, less tax, on June 30. The difference, compared with the interim dividend declared in 1949 is accounted for by the administrative convenience of distributing the round sum of sixpence per 10s. unit.

YARDLEY & CO., LTD.—Consolidated trading profit for 1949 amounts to £1,512,760, against £1,007,218 in the previous year. Combined net profit of the company amounts to £724,036 (against £469,926). Final dividend was 30 per cent. on ordinary and "A" ordinary, as increased by 66 ⅔ per cent. bonus; with interim of 25 per cent. (the same) on smaller

capital, this makes 55 per cent. (75 p cent.), requiring the same sum as for 194

F. W. BERK & CO., LTD.—A final ordinary dividend is proposed of 25 per cent. less tax, making 42½ per cent. for the year ended December 31, 1949. Group profit for 1949, after taxation, amounts £99,114, against £51,607 in the previous year; after deducting profits of subsidiary attributable to minority shareholders £1,476 (£663), and profits retained accounts of subsidiaries, £30,291 (£26,333) the profit of the company for the year £112,697 (£63,231).

THE BRITISH DRUG HOUSES, LTD. Dividend for 1949 on ordinary stock is 5 per cent., the same as in previous year. Group profit, after all charges and taxation, amounts to £119,871 (against £69,571 in 1948); taxation, £172,021 (£83,909); plus on exchange from revaluation Canadian subsidiary, £13,182 (nil). After retaining £24,568 (£2,783) in accounts of subsidiaries, net profit of holding company is £95,303, against £66,788 in 1948.

WRIGHT, LAYMAN & UMLEY, LTD.—Profit for 1949, including that of a subsidiary, and after all charges and taxation, amounts to £28,785 (against £15,708 the previous year); taxation, £38, (£11,051). A final ordinary dividend proposed of 7½ per cent. (the same), making 10 per cent. for the year (the same). The sum of £10,000 (£4,606) is transferred to revenue reserve; to contingent reserve, £5,000 (nil); carried forward £5,638 (£5,933).

IMPERIAL CHEMICAL INDUSTRIES, LTD.—Accounts for 1949 show consolidated income of the group, after taxation, £10,826,681 against £11,897,056 in 1948. After deducting net dividends of minority members of subsidiaries amounting to £281,517 (£262,936); undistributed income of minority members of subsidiaries £198,684 (£138,936); and undistributed income of subsidiaries appropriate to company, £554,977 (£644,770); the income of the company is £9,791, (£10,850,414), making with balance brought forward, £4,009,439 (£3,250), the sum of £13,800,938 (£14,100,5 available for appropriations. Ordinary interim dividend, 3 per cent., paid, £999, (£832,674); ordinary final dividend, provided, 7 per cent., £2,331,488 (the same) forward, £4,328,249.

LEGAL REPORTS

Northern Ireland Arbitration Award. The National Arbitration Tribunal, Northern Ireland, has heard a dispute between two members of the associates' section of the Ulster Chemists' Association and two member firms of the Association and has found that the claims have not been established. The cases concerned a claim by Mr. Hugh Eakin, Ph.C., 16 Finn Street, Belfast, against his former employers, J. A. Nesbitt, Ltd., 82 Old Lodge Road, Belfast, and a claim by Mrs. M. F. Spence, 622 Oldpark Road, Belfast, against R. S. Adair Ltd., 5 Monaghan Street, Newry, co. Down. Mr. Eakin claimed that he was underpaid to the extent of £51 5s. during the period May 48 to August 1949, having regard to the Association's minimum wage scale. Mrs. Spence claimed that she was underpaid to the extent of £251 in the period October 1945 to February 1949, when she was employed as a qualified assistant.

Trade Mark Decision Reversed.—In Chancery Division, London, on May 11 an application by Miles Laboratories, Inc., Elkhart, Indiana, U.S.A., who sought to reverse a decision of the Registrar of Trade Marks allowing the registration of Reginald Malcolm Broadhead of the trade mark Alka-Vescent, was granted. Miles are the registered proprietors of the trade mark Alka-Seltzer in respect of indicated preparations in tablet form for use in making seltzer water. For the applicants, it was said that their trade mark had been registered in 1932, and had been used in this country since 1935. They urged that the trade mark Alka-Vescent was likely to cause confusion. It was a new mark and it had not been used. For Mr. Broadhead it was said that no case had been made out for the proposition that Alka-Vescent was liable to be confused with Alka-Seltzer. Mr. Justice Roxburgh had he had reached the conclusion that there was every likelihood of confusion and deception arising between the two trademarks. The applicant had never marketed any product under the name Alka-Vescent, and what would be the position when he first put an effervescent tablet on the market? Many customers who bought Alka-Seltzer tablets knew that effervescence was a characteristic feature of that product and they would be reminded of that fact by advertising

literature and cartons. Many customers, if asked, "Do you want Alka-Seltzer or Alka-Vescent?" would be puzzled by the question. His lordship said there was no possibility of confusion arising except in connection with effervescent tablets, and justice would be done if he permitted the mark to be registered subject to a limitation which excluded its use in connection with medical preparations in tablet form for human use in making seltzer water and from the category of goods which the opponents were marketing in the United Kingdom at the date of the application for registration. Any such order was regarded by both parties to the action, however, as wholly unsatisfactory. Accordingly he would reverse the Registrar's decision, and direct that the mark Alka-Vescent ought not to be registered. The appeal was therefore allowed with costs.

Pharmacy Act Fines.—East Durham Co-operative Chemists, Ltd., Ryhope, nr. Sunderland, were fined 40s. and ordered to pay 63s. costs at Seaham on May 19 when a plea of guilty was submitted in a prosecution under the Pharmacy and Medicines Act, 1941. The charge arose from a sale of aspirin tablets to an inspector of the Pharmaceutical Society from a van belonging to the "Co-op." The evidence was that the defendants owned a chemist shop as a separate part of the business and were running a van in which there was a stock of proprietary medicines for sale to anyone on the round. The stock included such things as cough medicines and tonic tablets. When the Pharmaceutical Society inspector bought branded aspirin from the van, the driver informed him that he did not carry an order book. He said that if anybody wanted anything, he sold it to them. It was submitted that in order that the sale of the tablets (which were recommended as a medicine) could be lawfully made it was essential that they should not be sold from premises other than a shop.—At Seaham, co. Durham, magistrates' court on May 19, Forsters (Dawdon), Ltd., Queen Alexandra Road, Seaham, were fined a total of £5, and ordered to pay 63s. costs, in respect of a sale of a bronchial and catarrh syrup (containing codeine), otherwise than under the supervision of a registered pharmacist, and for selling it in a container not labelled with their name and address.

MARRIAGE

YOWARD—WOODCOCK.—At the Congregational Church, Wincanton, Somerset, on May 17, Anthony Clifford Yoward, only son of Mr. C. Yoward, M.P.S., 142 Manchester Road, Swindon, to Mary Elizabeth Woodcock, M.P.S., Wincanton.

DEATHS

ABBOTT.—On April 30, Mr. James Edward Abbott, M.P.S., 36 Conway Road, Cardiff, aged sixty-seven.

BATE.—At his home in Aldcliffe Road, Lancaster, on May 19, Mr. Alexander Bate. Mr. Bate qualified as a chemist and druggist in 1898. A native of Warrington, he went to Lancaster over forty years ago and was for many years prior to his retirement principal of Bate & Gorst, chemists, Market Street, Lancaster. Mr. Bate held office in the Lancaster Branches of the Pharmaceutical Society and National Pharmaceutical Union and was a former member of the Lancashire Pharmaceutical Committee. Since 1935 he had been a borough magistrate.

BROWN.—Recently, Mr. George Walter Brown, M.P.S., 30 Clarkson Avenue, Milton, Weston-super-Mare. Mr. Brown qualified in 1910.

GOOCH.—On May 8, after a long illness, Mr. William Rastrick Gooch, M.P.S., Dedham, Essex, aged sixty-eight. Mr. Gooch was for several years in partnership with his father, the late Mr. William Hobbs Gooch. He became sole proprietor of the business in 1921, and was also, until recently, the proprietor of a branch business at East Bergholt, Suffolk.

KNAPE.—On May 9, Mr. Henry Knape, Ph.C., 44 Cambridge Road, Colchester, aged sixty-eight. Mr. Knape qualified as a chemist and druggist in 1902 and passed the Pharmaceutical Chemist examination a year later. He managed the Long Wyre Street, Colchester, branch of Boots, Ltd., for many years. His son, Mr. E. H. Knape, Bere Alston, Devon, is also a pharmacist.

O'SULLIVAN.—Recently, Mr. John O'Sullivan, L.P.S.I., The Pharmacy, Mill-street, co. Cork, Ireland. Mr. O'Sullivan, who qualified in 1927, was a native of co. Kerry, and had spent most of his life in pharmacy in the counties of Cork and Kerry.

SMITH.—On May 18, at 11 Avondale Avenue, Wallasey, Mr. Frank Robert

Smith, M.P.S. Mr. Smith qualified 1921 and was for a time at Leicester subsequently he took over a business Picton Road, Wavertree, Liverpool.

STEWART.—Information has been received of the death on November 7, of Mr. James Alexander Stewart, M Laburnum Cottage, Shanicracken, M hill, co. Armagh, Northern Ireland. Stewart qualified in 1921.

SEWELL.—On May 18, Mr. John Sewell, M.P.S.I., the Medical Hall, Larney, co. Kerry, Ireland. Mr. S who was in his early fifties, qualified July 1925, and shortly afterwards established his own business in Killarney had a wide circle of pharmaceutical friends and was popularly known as "J. Sewell. He held a public appointment as a Compounder, and was a founder joint secretary of the Irish Compounders Association—an organisation in which he worked unsparingly to secure better pharmaceutical conditions. He was a cousin of Mr. John P. Kissane president of the Pharmaceutical Society of Ireland). Following Solemn Requiem Mass at the Cathedral, Killarney, the funeral, at which there was a large pharmaceutical attendance, took place in New Cemetery, Killarney.

WILLS

MR. W. ANDERTON. M.P.S., 26 Lyndhurst, Northowram, Halifax, left £1,115.

MR. W. B. GRAHAM. M.P.S., 38 Wharf Avenue, Barnehurst, Kent, left

MR. A. SANDERS. M.P.S., 77 Wood Drive, Salford, left £282.

MR. W. L. KETTLEWELL. M.P.S., Fulford Road, York, left £3,293 (£ net).

MR. A. S. FLOYD. M.P.S., 55 Plas Avenue, Canton, Cardiff, left £1,000 (£7,742 net).

MR. T. E. JONES. M.P.S., 19 Gellienvale Road, Pontypridd, Glam., left £1,000 (£3,292 net).

MR. R. S. CAPPELL. retired pharmacist, 41 Cole Valley Road, Hall Green, Birmingham, and 40 Cockspur Street, London, S.W.1, left £5,532 (£4,800 net).

MR. JOSEPH TAIT. M.R.C.S., L.R. Ph.C., 3 East Caiystane Place, Fairhead, Edinburgh, resident secretary Scotland of the Pharmaceutical Society 1936-48, left £3,079.

PERSONALITIES

R. HORACE WRIGHT, M.P.S., Edgware, Middlesex, is showing a painting in water-colours entitled West Country at the Exhibition of the Royal Academy of Arts, London. He was chairman, 1949-50, of Edgware and Hendon Branch of the Pharmaceutical and president of the local Pharmacists' Association.

R. C. W. ROBINSON, M.P.S., who is resigning from the secretaryship of the Association of British Pharmaceutical Industry to take up an appointment with Evans Medical Supplies, Ltd., on May 31, was apprenticed with Mr. J. F. Collin, Ph.C., Norwich, and qualified from the College of the Pharmaceutical Society in 1934. He then joined the editorial staff of

'Pharmaceutical Journal.' In 1937, a training course at Leverkusen, Germany, he was appointed head of medical department, Bayer Pharma Ltd., Sydney, Australia. From 1941 he left the company in 1945 he was the company's research liaison officer. In 1945 he was appointed secretary of the Wholesale Drug Trade Association (now Association of British Pharmaceutical Industry). He has represented the Association on the Grand Council of the Federation of British Industries, the Pharmaceutical Liaison Committee (Ministry of Health), Essential Oils Advisory Control Committee (Food), National Pharmaceutical Union, War Distress Fund Committee, other bodies. He was the recorder of Sydney section of the Society of Chemical Industry, and gas identification officer, Sydney, 1942-45.

The bronze medal of the *Hospitalité de la Dame de Lourdes* has been awarded to Mr. James A. O'Rourke (a member of Council, Pharmaceutical Society of Ireland and president for Ireland of the International Pharmaceutical Federation of Lourdes), and to Mr. J. Gaynor (law adviser of the Society). Medals will be conferred on the visit of the Irish Pharmaceutical Pilgrimage to Lourdes in August.

PHARMACISTS successful in the recent local elections include Messrs. Robert J. Brand, M.P.S., Thame, Oxon (unopposed); L. Edwards, Chester, John William Giles, M.P.S., Lincoln; G. G. Hammond, B.Sc., F.R.I.C., M.P.S. (managing director, Bradley & Bliss, Ltd.), Reading; J. O. Johnstone, Wallingford, Berks, Norman Lander, M.P.S., Huddersfield (unopposed); William Pidgeon, M.P.S., Great Harwood, Lancs.; R. A. Sheldrake, M.P.S., Newark-on-Trent; and S. J. Pope, Ph.C., (a director of Garner & Pope, Ltd.), Tunbridge Wells.



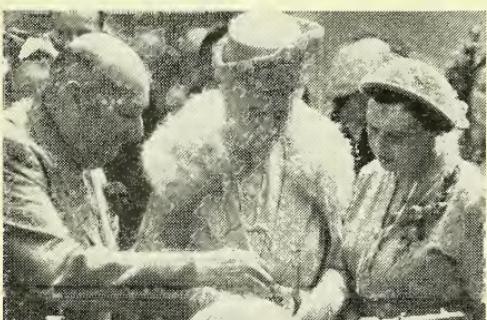
Mr. G. G. Hammond

MR. J. C. HANBURY, the new president of the Association of British Pharmaceutical Industry, graduated at Cambridge University in 1930, taking the Natural Science Tripos. Afterwards he attended the College of the Pharmaceutical Society and obtained the degree of Bachelor of Pharmacy of the University of London in 1932. He served an apprenticeship in the drug manufacturing laboratories of Allen & Hanburys, Ltd., and was registered as a Pharmaceutical Chemist in 1934. He continued to work in a managerial capacity on the drug production side of the company and, following the partial destruction of the laboratories at Bethnal Green in 1940, he was actively concerned with their transfer to Ware. Mr. Hanbury was appointed technical director of the company in 1943. He is a member of the Pharmacopœia Commission and serves on the Standing Pharmaceutical Advisory Committee under the National Health Service Act.



TRADE NOTES

Nutritive Capsules. — Parke, Davis & Co., Staines Road, Hounslow, have introduced a new product, nutritive capsules, containing dicalcium phosphate and iron with vitamins B₁, B₂ and D, in bottle of fifty capsules. They point out that the new product differs in formula from nutritive salts tablets, P. D. & Co., which have been in the company's list for some years.



Queen Mary purchases a Flamingo Dome compact at the stand of Fulmen Engineering, Ltd., at the British Industries Fair.

Price Lists. — MARCEL FRANCK & CO. (LONDON), LTD., 417 Battersea Park Road, London, S.W.11, have produced an illustrated price list of their Marcel Franck perfume and toilet sprays and will send a copy to any chemist on request.—A. G. HERSON, 142A Canbury Park Road, Kingston-on-Thames, have produced a multilingual price list, which is in course of distribution to clients overseas.

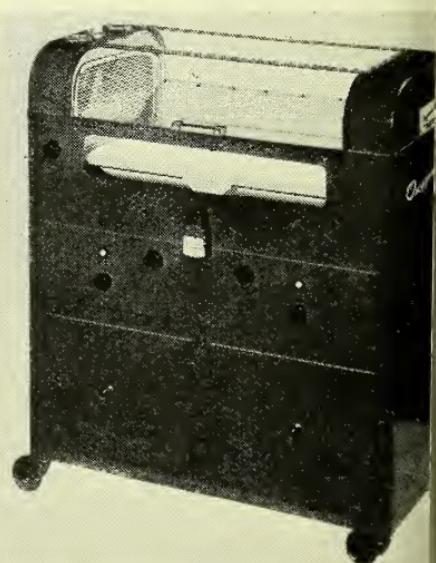
Changes of Pack. — BRITISH SCHERING, LTD., 229 Kensington High Street, London, W.8, announce that, from May 15, Albucid eye-drops, 10 per cent. and 30 per cent., have been sent out in new unit packs with dropper *in situ* in the bottle instead of separately in the carton.—GLAXO LABORATORIES, LTD., Greenford, Middlesex, announce that the following packs of Celin tablets, 200-mgm., have been discontinued: Bottles of twenty-five, 100 and 1,000. A new pack of 500 Celin tablets, 200-mgm., has been introduced.

Press Advertising. — ADDIS, LTD., Hertford, point out that sufficient production of their Grippy nail brushes has now been built up to permit them to launch an advertising campaign. The first full-page advertisement in colour is appearing in the May 27 issue of "Picture Post." A washable showcard reproducing the page is available from the manufacturers.—FOR-

HAN'S, LTD., 86 Clerkenwell Road, London, E.C.1, give details on another part of their 1950 advertising campaign Forhan's "for the gums."

A New Perfume. — Celebrating on May 1 the 25th anniversary of his commencement in business in Paris as a couturier (his fifth as a perfumer), M. Mar Rochas introduced the fifth of a series of new perfumes launched annually since 1945. This year it is Moustache, originally intended as a toilet accessory for men, a presented in heavy cut crystal, each bottle enclosed in a tailored corduroy suite. The other perfumes are Mousseline, Mousse and La Rose, which with Femme were issued in an oval case covered with blue Chantilly lace.

Baby Incubator. — An incubator intended for newborn babies and made by Orogenaire (London), Ltd., 8 Duke Street, London, W.1, is claimed to be the first of its kind to be made in Great Britain. The incubator is designed so that it may also be used as an oxygen tent or as a combined incubator and oxygen tent. It enables infants, particularly premature babies, to be maintained at accurately controlled temperatures or humidities for long periods.



or without the addition of oxygen. The adjustable cradle, on which the infant is placed, can be tilted, if necessary, to an angle of 30° for extracting mucus from the lungs.

The incubator is light and can readily be moved from place to place. A hygrometer records the percentage humidity, and while the incubator is in use indicator lights show that the mains, heating and circulation are operating correctly. Prototypes of the incubator are at present being tested out in maternity hospitals. Fuller details may be obtained from the manufacturers.

New Products. — MENLEY & JAMES, LTD., 123 Coldharbour Lane, London, E.5, have introduced to the medical profession a new product Eskamel, which presents sulphur and resorcinol in a new non-oily ointment base for use in the treatment of acne. Eskamel is flesh-tinted and virtually invisible when applied. The product is issued in collapsible tubes in three sizes. A descriptive leaflet will be supplied to any pharmacist on request.—

BUSSSEL LABORATORIES, LTD., 4 Golden Square, London, W.1, announce the introduction of Bactylan enteric-coated granules of sodium para-aminosalicylate dihydrate. The granules are presented for patients who have difficulty in swallowing tablets. The enteric-coating is, of course, tasteless; it reduces intolerance to a minimum. Bactylan is issued in tins of 350-gm. granules each containing 175 gm. sodium p.a.s. dihydrate (for one week's treatment).

Proprietary Articles Trade Association

Additions to Protected List (Part 2). R. J. Reuter Co., Ltd., 4711 Tosca talcum-powder, No. 9314, 15s. doz., tax 100 per cent., inclusive retail price 3s. 4711 Vender brilliantine, No. 4463, 15s. doz., tax 100 per cent., i.r.p. 3s.

Alterations to Protected List (Part 2). Tattoo Cosmetics Ltd. (Agents: Fassett Johnson, Ltd.). Tattoo lipstick, large size swivel case, 21s. 6d. doz., tax 100 per cent., i.r.p. 4s. 6d. Retail price effective from June 1.

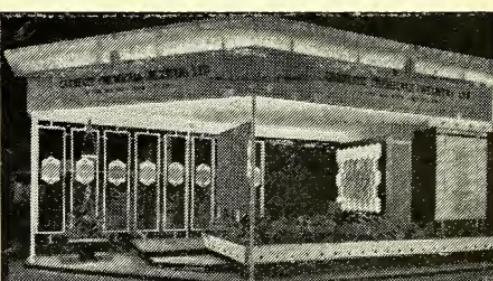
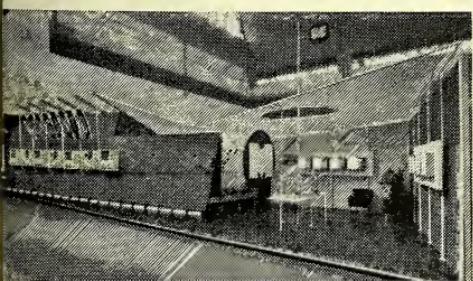
TRADE LITERATURE

More than a Price List. — "Perfumery Specialities," a transparent-film-protected, spiral-bound 40-page brochure issued by Polak & Schwarz (England), Ltd., 50 Great Cambridge Road, Enfield, Middlesex, groups the specialities under titles such as "handkerchief perfumes," "hair preparations," "soap perfumes," giving price, uses or solubilities in alcohols of various strengths, and notes on the character of each.

Vitamin Index. — As an *aide-memoire* presenting salient points in the knowledge of vitamins required by medical men and scientific workers, the Crookes Laboratories, Ltd., Park Royal, London, N.W.10, have compiled a 54-page thumb-indexed "Vitamin Index" dealing with vitamins A, B complex, B₂, B₆, B₁₂, C, D₂, D₃, E, K, and P, biotin, choline, folic acid, inositol, nicotinic acid, pantothenic acid, and paracetamolbenzoic acid.

Vitamins and Hormones. — The relationship of vitamin B₁₂ (available as Ana-cobin) to the established preparation Ana-haemin in the treatment of pernicious and other macrocytic anaemias is discussed in a folder entitled "The Present Status of Vitamin B₁₂ Therapy" issued by The British Drug Houses, Ltd., Graham Street, City Road, London, N.1. The strengths and prices of B.D.H. sex-hormone preparations are tabulated in a second folder, while a third describes the B.D.H. range of vitamin preparations.

Pocket Guide to Drugs. — A second illustrated booklet in the series of pocket guides to chemicals, drugs and essential oils has been issued by J. Brummer, merchants, 14 Seething Lane, London, E.C.3. It contains details of natural derivations, geographical sources, characteristics and applications of cinchona, cinnamon, ergot, etc. Copies are available to subscribers on request to Messrs. Brummer.



B.I.F. EXHIBITORS.—Stands of Monsanto Chemicals Ltd., and Carnegie Chemicals (Welwyn), Ltd.

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

OPENING the debate on the Finance Bill on May 16, MR. ANTHONY EDEN asked the Chancellor of the Exchequer immediately to appoint the second committee of inquiry into tax incidence on industry. SIR STAFFORD CRIPPS replied that he did not expect to receive the report of the first committee, set up after the last Budget, until towards the end of 1950. That report must necessarily form the basis of the work of the second committee. Preparatory arrangements were being made now.

MR. EDEN also proposed an examination of purchase tax, which had many anomalies, he said, adding to the uncertainties of the businessman, and especially of the retailer. There should be some impartial examination of the tax by a Purchase Tax Advisory Committee. THE CHANCELLOR replied that the incidence of the tax was now thoroughly examined by the Customs and Excise. Difficulties and anomalies were put up from time to time to Ministers, who decided whether action should be taken. He did not think any better result would be achieved by setting up the suggested committee.

Deaths Following Vaccinations

MR. S. P. VIAN asked the Secretary of State for Scotland on May 16 whether he would make inquiries into the death of a 15-year-old pupil at the school at Gordonstoun, Morayshire, who died on May 4 a few weeks after vaccination, and into the death of a 9-year-old Provenmill girl who died on April 4 four hours after being vaccinated in a Glasgow clinic. MR. HECTOR MCNEIL said he was making inquiries.

Warwickshire Chemists' Payments

SIR J. MELLOR asked the Minister of Health on May 16 why Warwickshire chemists had not received the balance of payment for prescriptions dispensed in August 1949 under the National Health Service. MR. BLENKINSOP: I understand that the chemists of Warwickshire will receive this payment on the 19th instant. I regret the delay which is due to staffing difficulties in the pricing bureaux.

Iodine-free Salt

DR. BARNETT STROSS asked on May 15 whether the Minister of Food would give an assurance that salt free from iodisation would always be available for purchase by

those who feared that a very small iodine content might affect them adversely.

MR. M. WEBB said that as the tra-iodine would be very small, the Medical Research Council thought that adverse effects would be most unlikely, but Food Standards Committee would bear point in mind when considering representations about the proposed changes.

Cut in Oneost

MR. W. PRESCOTT asked the Minister of Health on May 18 what consultations were provided for under the revision of the terms of service in connection with price re-respecting chemists under the Health Service, and in what consultations his Department had taken part before the revised charges for medicines were brought into operation on May 1. MR. ANEURIN BEVAN: Except when three months' notice is given, an alteration of the terms of service for chemists must be approved by the Minister after consultation with an organisation which is, in his opinion, representative of the general body of chemists. The Contractors' Committee was consulted by letter dated April 14.

Distribution of Industry

The Distribution and Industry Bill was read the third time and passed on May 15.

BUSINESS CHANGES

MR. J. R. BUTLER, M.P.S., has opened a branch pharmacy at 534 Northumber Avenue, Reading, Berks.

THOMAS KERFOOT & CO., LTD., have appointed Mr. W. R. Heyworth, M.B., B.Ch., F.R.C.P., 90 King's Road, Harrogate, their representative in Yorks from June 1. Mr. Heyworth was formerly the representative of the company in the North of England.

BRITISH SCHERING, LTD., London, have made the following appointment: Dr. J. K. Norymberski, to the staff of British Schering Research Institute, Alley Edge, Ches.; Mr. E. Booth, A.M.C., F.R.I.C., as superintending chemist in charge of semi-plant and laboratory-chemical manufacture; and Mr. E. Swinton, B.Sc., A.R.I.C., as superintending chemist in charge of plant-scale chemical manufacture.

SOCIETY'S PRESIDENT AT GLASGOW BRANCH

THE PRESIDENT of the Pharmaceutical Society (Mr. H. Clement Shaw) attended a special meeting of the Glasgow and South-Western Scottish Branch of the Society on April 26, at which the chairman of the branch (Mr. S. Hughan) was presented with the new badge of office. MRS. CRONE, in investing

Hughan with the badge as its first holder, extended to him and the branch the good wishes of the Ladies' Committee.

MR. HUGHAN, after ably replying, introduced THE PRESIDENT, who spoke on "Matters of Current Pharmaceutical Interest."

MR. SHAW outlined the activities of the Council and emphasised that council members were representative of pharmacy. It would, he said, help them considerably if 50 per cent. of the members voted in the elections.

In the discussion, MR. CKAY asked if the education standards were too high. MR. SHAW did not think so and said that they must have high standards if pharmacy is to survive. The question of allowing apprentices before the Intermediate examination was being considered. That might encourage new entrants. MR. McCrone thought that that would be a retrograde step and MR. WILSON feared that a new class of unqualified assistant might arise. MR. STEWART asked what steps were being taken to ensure that a new stream of entrants would be provided for in the colleges, and MR. SHAW replied that the Council recognised about sixteen educational centres. Of these, more than half are technical colleges. It was thought better to have a large, well-equipped and well-staffed establishment than smaller ones inadequately served.

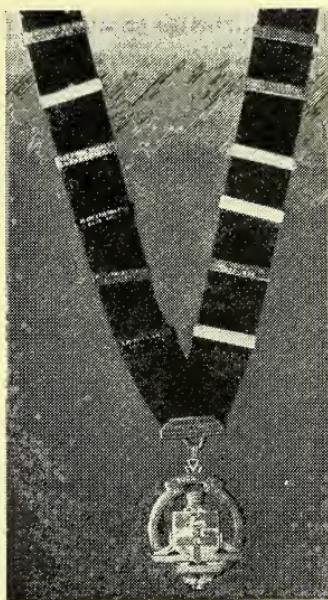
PROFESSOR TODD said he was shocked at the idea of taking apprentices before their apprentices. Sometimes a man who had served many years in a shop found that he could

not make the grade at the classes. It was a question of a profession or trade. If entrants were being trained for a profession, there was ample room in the colleges; if for a trade, there was a temporary shortage. MR. SHAW said the Council was in favour of raising the status of the calling.

Whether apprenticeship should be served before or after lessons was controversial, but there was no question of using apprentices as cheap labour. Only establishments that came up to a definite standard would be allowed to take apprentices. MR. SINCLAIR thought there should be some form of superannuation for pharmacists, and MR. SHAW replied that he would like to see within pharmacy a pharmaceutical association to cover all aspects, each having its own organisation. Such a body could deal with superannuation where a person left one establishment and went to another. He did not think it possible for the Council to run an insurance scheme for its members. MR. BRODIE said

that there was such an association in Glasgow, and it was their intention to tackle those problems.

MR. HOME proposed a vote of thanks to the chairman.



Branch chairman's badge of office presented by the Ladies' Committee.

DUMBARTONSHIRE ASSOCIATION

A meeting of pharmacists in Dumbarton on May 8 decided to form an association on the same lines as the Glasgow Association of Pharmacists. The following were appointed officers:—President, Mr. R. Still; Treasurer, Mr. W. J. Hornbrook; Secretary, Mr. J. B. Stalker, 140 Hyndland Road, Glasgow, W.2. Other Committee members, Messrs. Howieson, Anderson and Gardner. A committee meeting was arranged to take place shortly to draw up a constitution. Monthly meetings are to be held in Dumbarton or Glasgow.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

Monthly Meeting of Council

A MEETING of the Council of the Pharmaceutical Society of Northern Ireland was held in Belfast on May 19, the president (Mr. P. R. W. Shinner) in the chair. Also present were Messrs H. W. Gamble (vice-president), H. F. Moore, S. E. Campbell, J. Irwin, W. E. Ewart, John McGregor, Walter C. Tate, Dr. H. D. Heazley, Professor E. B. C. Mayrs, M.D., and Professor James Small, D.Sc. The secretary (Mr. William Gorman) was in attendance. Apologies for absence were received from Messrs. W. H. Boyd (treasurer), James McDowell, H. P. Crossin, H. H. Cowzer, and F. R. Moore.

Registration Statistics

The Ministry of Home Affairs wrote approving the appointment of Mr. Gordon Perrins, F.C.S., as examiner for the June examination in place of Mr. H. Stout. The Ministry also forwarded a memorandum on pharmacy administration for the year ended December 31, 1949. This showed that the numbers of names on the register in 1947, 1948 and 1949, respectively were as given in the table below:—

| CATEGORY | 1947 | 1948 | 1949 |
|---|------|------|------|
| Pharmaceutical chemists | 837 | 868 | 877 |
| Superintendents of bodies corporate Ph.C. | 96 | 110 | 112 |
| Registered druggists | 36 | 35 | 33 |
| Superintendents of bodies corporate R.D. | 4 | 4 | 5 |
| Apprentices | 367 | 382 | 384 |

Forty-seven apprentices qualified as pharmacists and were registered during the year. The numbers of licences issued were:—Pharmacists, 566; registered druggists, 23; 132 chemists' licences were issued to bodies corporate and nine to executors of deceased pharmacists. Five registered druggists' licences were issued to bodies corporate.

Resignation Not Accepted

THE PRESIDENT announced that he had received with regret a letter from Mr. James McDowell tendering his resignation owing to ill-health and asking to be relieved of his membership of the Statutory Committee. On the motion of Mr. McGREGOR, seconded by Mr. TATE, and supported by Mr. H. F. MOORE, it was

decided that Mr. McDowell should be asked to reconsider his decision. The PRESIDENT said Mr. McDowell had been a member of the Council for fifteen years and had filled the office of president, and they would be loath to lose his services.

The minutes of the Finance and Education Committees were approved. The latter recommended the grant of certificates apprenticeship to Miss Elizabeth Heslip, Belfast; Miss Blenna McNally, Newry; Mrs. Mary Hanratty, Belfast; and Mr. William L. Moffatt, Belfast. It was decided that 2,000 copies of the new poisons guide should be purchased for resale to members. In accordance with notice, Mr. McGREGOR moved that a sum not exceeding £100 should be set aside annually to provide scholarships for pharmaceutical students. Mr. S. E. CAMPBELL seconded, and the motion was carried unanimously. Regulations covering the award of the scholarships are to be drawn up by the Education Committee.

Invitation to Londonderry

MR. CAMPBELL, on behalf of the Londonderry Chemists' Association, invited the Council to hold its June meeting in Londonderry. The Council welcomed the invitation and decided that the meeting should be held on June 29.

The Council heard a statement by the pharmacy inspector (Mr. J. N. PATTERSON) on the latest recommendations of the Poisons Board in Great Britain and gave approval to the same alterations being made in the Poisons List and Regulations in Northern Ireland. By that decision all histamine drugs, among others, will be added to Part I of the Poisons List as included in the First and Fourth Schedule to the Poisons Rules (see *C. & D.*, April p. 545).

A PHARMACIST'S ANTHOLOGY

"YOUR governor's an apothecary, I suppose, by that queer button," observed Benjamin, eyeing Sam's coat. "Wot we a chemist and druggist in London. You look after the red and green wine bottles now? Crikey, he don't look though he lived on physic altogether, he?"—From "*Handley Cross*," by R. Surtees.

ANNUAL MEETINGS AND OFFICERS

Plymouth Branch. — At the annual meeting of the Plymouth Branch of the Pharmaceutical Society recently the following officers were elected or re-elected: *Chairman*, Mr. C. A. Park; *Vice-chairman*, Mr. J. C. Smith; *Secretary*, Mr. H. Bryan, 5 Bedford Terrace, North End, Plymouth; *Treasurer*, Mr. A. Down-

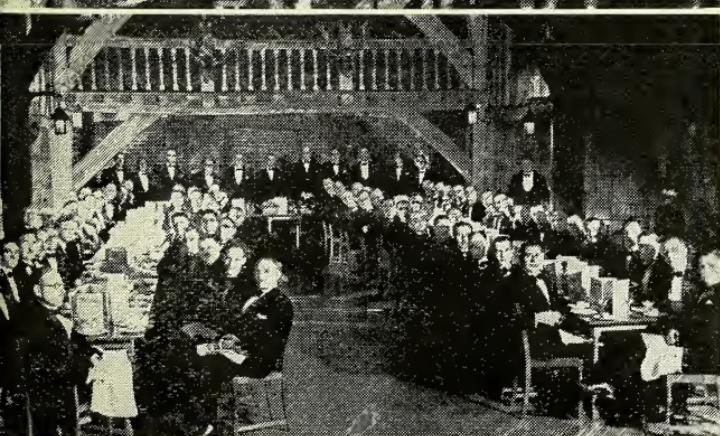
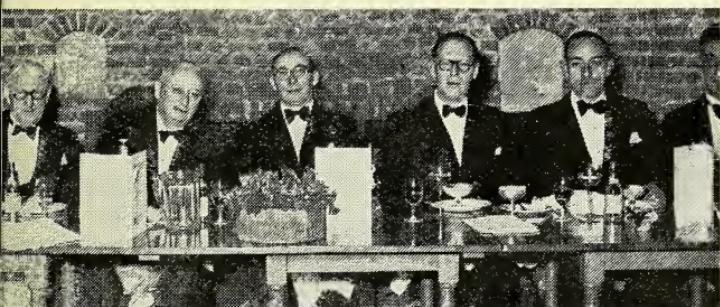
Hendon and Edgware N.P.U. — At the annual general meeting of the Hendon and Edgware Branch of the National Pharmaceutical Union on May 15, the following officers were elected: — *Chairman*, Mr. H. C. Mantripp; *Vice-chairman*, Mr. H. Hankinson; *Secretary* and *Treasurer*, Mr. B. Nokes, c/o Derek Clarke, 611 Watford Way, Mill Hill, London N.W.7.

Manchester Association and Branch. — Manchester Pharmaceutical Association: *President*, Mr. J. Lomax, J.P.; *Vice-president*, Messrs. W. Gee and G. Smith; *Treasurer*, Mr. A. E. Thorpe; *Secretaries*, Messrs. T. Miller, 3 Wyngate Road, Hale

Ches., and E. Cronin; *Social Secretary*, W. Wilkinson. In recognition of his long and devoted services to the Association Mr. Miller was elected *Honorary Vice-president*, Manchester and Salford Branch of the Pharmaceutical Society: *Chairman*, Mr. H. Steinman; *Vice-chairman*, Mr. E. Berry; *Treasurer*, Mr. A. E. Thorpe; *Secretaries*, Messrs. T. Miller and E. Cronin.

South-west London. — The following are the officers appointed by the South-west London Chemists' Association and South-west Metropolitan Branches of the Pharmaceutical Society and National Pharmaceutical Union: — *President* of the Association and *Chairman* of the Branches, Mr. W. E. Wragg; *Vice-presidents*, Miss D. Murgatroyd and Mr. W. Dinsdale; *General Secretary*, Mr. H. R. Edgecombe, 77 Atlantic Road, London, S.W.9; *Assistant General Secretary*, Miss D. Murgatroyd; *Treasurer*, Mr. F. S. Copley; *Social Secretary*, Mr. W. Dinsdale; *Sports Secretary*, Mr. D. J. Williams, 100 Landor Road, S.W.9.

Wimbledon Pharmacists' Association. — At the annual meeting of the Wimbledon Pharmacists' Association held recently all retiring officers were re-elected for a further year.



COMPANY'S PRESIDENT HONOURED. Directors and staff of Parke, Davis & Co., at a dinner held recently in honour of the president of the company. In the upper picture are Dr. J. S. White (medical director, European Branch), Dr. A. W. Lescohier (president of the company), Mr. L. O. Smith (general manager, European Branch); Mr. W. R. Jeeves (foreign sales manager, Detroit) and Mr. E. H. Lambert (sales manager of the European Branch of the company).

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THE NATIONAL ASSOCIATION OF OPTICIANS

The next Examination for the Fellowship and Higher Diplomas will be held at Birmingham on 10th, 11th, 12th & 13th, last date of entry June 1. Syllabus, Entrance Forms, etc., may be obtained from:—
The Secretary, N.A.O. 8 Victoria Street, LIVERPOOL

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cial organ of *The Pharmaceutical Society of Ireland*, *The Pharmaceutical Society of Northern Ireland*, *The Chemists' Druggists' Society of Ireland* and of *er Chemists' Societies in the Empire*.

L. CLIII MAY 27, 1950 No. 3666

Branch Representations

ILE the status of the Branch Representatives' meeting in the constitution of Pharmaceutical Society remains to be decided, progress towards decision has undoubtedly been registered as a result of gathering on May 18. Several resolutions demanded a tightening up of the Council's hitherto rather indeterminate method of reporting back to the Branch representatives, and all were passed without a dissentient. One speaker's remarks suggested that members will expect to hear of a development hinted at by Miss C. Burr in an election speech recently at the new Charter, when it is brought might be used to give constitutional authority to the decisions of the Branch representatives' meeting. How that outcome can be reconciled with the principle of Council responsibility is a question that may yet cause a few headaches. Whatever formal position, however, the Council less likely in the future than in the past to flout or ignore the wishes of members when they are plainly demonstrated in this bi-annual members' forum. It is a tribute to the chairmanship of Mr. H. C. Law that he conveyed the confidence that the views of members would be treated by the Council with full deference. Too much deference, perhaps, had been shown in drawing up the agenda, even to the extent of debating at different times in the slight nuances of meaning on substantially identical topics. That was due to wish adherence to the taking of resolutions by alphabetical order of branch. The

difficulty this caused to Woking Branch (Yate, York and Ystradgynlais were not represented and there are no branches commencing with the letter "Z") was valiantly overcome on this occasion by an attractive display of debating skill. It may be that a West Kent spokesman was the chief sufferer, since it was probably impatience of repetition rather than denial of free speech that subjected Mr. Neal to a barrage of interruptory noises.

By "omnibussing"—with the consent of the branches concerned—resolutions on the same or closely related subjects, and by acting on Mr. Benjamin's proposal that position on the agenda should be decided by lot and not by alphabet, the Council would be doing much to "streamline" future procedure and improve debate.

Of the decisions reached by the meeting, the most fundamental was perhaps the one calling for electoral reform on a territorial basis. The Council will be under some compulsion to prepare a scheme (the methods of the Chemical Society prove that it is feasible) on lines to which it has hitherto been opposed, but any scheme will need further and full consideration by all members before it goes through. The majority secured for the resolution was too narrow, it must be maintained, for anybody to assume a mandate for change.

Unanimity in support of the Council's policy on advertising of dispensing services was complete and encouraging. The pros and cons were fully understood and there was general resentment that the Minister of Health should have flouted the professional body—under the pressure, one must suppose, of commercial interests. As will be seen from our news columns this week, the Statutory Committee is to have an early opportunity of retrieving its rather low prestige on enforcement in this particular "Matter of Professional Conduct."

Equally encouraging as a demonstration of common sense was the resolute refusal of the meeting to concur too hastily in the understandable but nevertheless dangerous arguments of the Liverpool representatives in favour of local "vetting" of applications for registrations of premises. Action such as they suggest would provide safeguards of a sort against undesirable entrants, but only by opening the door to

equally undesirable possibilities that hardly need to be named. Even though present methods of discipline may involve delay, they constitute a machinery that has functioned well in practically every respect.

World Health Programme

A RECORD of the World Health Organisation's work during the past year and a preview of its programme for 1951 are contained in reports issued by the Organisation in Geneva recently.

Under the heading Central Technical Services, a significant item of the 1951 programme is the exploration of ways to achieve uniform methods of drug control throughout the countries of the organisation, particularly those in which most of the research on and discovery of new drugs is being achieved. The subjects to be examined include both analytical methods and regulations, including labelling regulations, adopted in different countries. Fellowships are to be provided to allow pharmacists and others concerned with the administration of drug control to study in "laboratories specialising in drug control in the various countries."

Work towards the introduction of international non-proprietary names (to be officially adopted in different countries) will continue by correspondence with national experts, manufacturers, and health departments. Though the Pharmacopœia Internationalis is not yet generally available, the Expert Committee on the Unification of Pharmacopœias will prepare addenda to it. Four hundred texts of monographs of new drugs should be ready for submission at two sessions of the Committee to be held in 1951. A series of addenda dealing with assays, tests for pyrogens, spectrophotometry, and (perhaps for the first time in any pharmacopœia) chromatography, will be prepared.

The Central Technical Services are responsible for the "co-ordination of research." In the antibiotic sphere the programme, like that of 1950, will be largely a modernisation of European penicillin plants supplied by the United Nations Relief and Rehabilitation Administration, but the work will be extended to the Far East.

Investigations of B.C.G. vaccines mass vaccination will be developed under the direction of the Tuberculosis Research Office, Copenhagen. For the co-ordination of research during 1951 \$38,302 has been set aside against \$77,263 in 1950. grants, however, are budgeted for.

Another form of co-ordinated research is in the provision for representation of the Expert Committee on Drugs Liability Produce Addiction on panels of Alcoholism and Drug Addiction to be set up by the Expert Committee on Mental Health. W.H.O. specialists realise that, before addiction questions referred to W.H.O. by the United Nations Division on Narcotic Drugs can be answered, the entire question of aetiology and pathogenesis of addiction, with its prognosis and treatment, must be studied medically and statistically. The estimates for expenditure by this section in 1951 total \$25,987 against \$24,000 in 1950 and \$9,488 in 1949.

Communicable diseases to be studied include plague, typhus and relapsing fever, cholera, diphtheria and whooping cough, leprosy, brucellosis, salmonella infections, virus diseases (smallpox, yellow fever, influenza, poliomyelitis, and trachoma); of the parasitic diseases, bilharziasis, filariasis, leishmaniasis; together with the use of insecticides in diseases transmitted by insect infection. It will be recalled that during 1949 emphasis was laid on problems of malaria, tuberculosis and the venereal diseases. The report of the W.H.O. Director-General for 1949 shows that the Expert Committee on the Unification of Pharmacopœias is preparing a table of doses for infants and children as an addendum to the Pharmacopœia Internationalis, and (2) (in response to a request from the Expert Committee on Mental Health) a list of synonyms, including non-proprietary names and trade-marks, publication as a supplement to an issue of the "Bulletin of the World Health Organisation." The use of the two reports (Official Records of the World Health Organisation Nos. 23 and 24) is made easier by the inclusion of a list of abbreviations used to designate twenty organisations frequently referred to in the text.



At one time heads, ears and even complete tableaux composed of sponges were familiar in shop-window displays.

Mr. Edwin Cresswell, to Cuba to develop the sponge trade there.

A man of great energy and splendid physique, Mr. Randal Cresswell founded two families, almost a generation apart. They were reared in Paris, where he lived for many years—"with a garden," as Captain Bolitho has written in "War in the Air," "which swept down to the Champs Elysees—then an open road into the country." There, as the outcome of an episode in which Cresswell was the heroic figure, his children grew up as playmates of the children of Louis Napoleon. "Old Cresswell, an Englishman who had lived in Paris for many years, used to go into the garden every morning and lift his hat as Louis Napoleon drove past. It became a pleasant little ceremony between them.

In the morning Cresswell saw a man raising a revolver to shoot at the Emperor. Cresswell either shouted or struck the man so hard that the shot was deflected. The Emperor was slightly wounded and carried into Cresswell's house. The Empress came next morning, with gratitude and candlesticks," writes Bolitho.

Transfer to London

Eventually, Randal Cresswell transferred the headquarters of the company—and of his family—to London, where his name is perpetuated in the titles of two independent sponge-trading companies today. Cresswell's sons by his first wife were

A SPONGE-TRADE CENTENARY

ONE hundred years ago this year the business of Cresswell Brothers & Schmitz, sponge importers, was founded by Mr. Randal Cresswell (1826-1902). Mr. Cresswell was the first Englishman to develop the sponge fisheries at Aegina, Greece, under the management of his brother-in-law, Mr. George Brown. Later he established a dépôt at Nassau in the Bahama Islands, British West Indies, and sent his brother,

all associated with the business now known as Cresswell Bros. Sponges—a branch of International Sponge Importers, Ltd., Buck Street, London, N.W.1. The only surviving son, Mr. Alfred J. Cresswell, at eighty-three still maintains a lively interest in the business. Mr. Walter Cresswell, born when his father was seventy years of age, is the principal director of Walter Cresswell, Ltd., 42 Bruton Place, London, W.1.

Sponge fishing is an occupation of great antiquity. In Ancient Greek literature are to be found many stories of sponge divers, including one who dived and disappeared for several days. On being questioned he stated that he had "spent several days at the bottom of the sea with Ocean."

In more recent times, the sponge divers of the Mediterranean closely guarded the secrets of their craft, though in the sponge-fishing community at Aegina George Brown, already referred to, was accepted almost as one of themselves. His grandsons carry on the tradition, acting as buyers for Cresswell Bros. Sponges. In summer the sponge boats travel hundreds of miles from their Grecian base. In winter, the fishermen dive only in comparatively shallow waters near home.

Centres of sponge collection exist also in Cuba, Florida and the West Indies, but there is today a world shortage, caused partly by the war (which interrupted both the collection and distribution of sponges), but aggravated also by currency difficulties.

Time has upset the strict orthodoxy of the sponge dealer's former belief that there was nothing to compare with the natural article he supplied. "They are of the soft and compressible texture which Nature provides and, in a defiant mood, challenges man to successfully imitate or equal," wrote E. J. J. Cresswell in "Sponges," published some years ago. There was poetry in the sentiment, but most of the firms that once dealt exclusively in natural sponges have been compelled to supplement their stock in trade with cellulose sponges.



Mr. Randal Cresswell

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

Annual Meeting

THE annual meeting of the Pharmaceutical Society was held in London on May 17, Mr. H. Clement Shaw (president) in the chair, supported by the vice-president (Mr. J. F. H. McNeal) and officers of the Society. Mr. SHAW, in announcing the results of the Council election (see *C. & D.*, May 20, p. 617), said that out of the 25,403 ballot papers sent out, 11,039 had been returned. (Eighty had been disallowed and sixteen had been received too late.) Copies of the Council's report were taken as read.

Man-power Report

THE PRESIDENT regretted that it had not yet been possible to issue the results of the man-power inquiry. He would give a few particulars but asked that no discussion should be entered into that evening, as the findings were still under consideration by the Council. The following are the comparative figures for the years 1936-38 and 1946-48:—"Of the 22,300 men on the register, 89 per cent. had over ten years' service in 1946-48, against 80 per cent. in 1936-38; 67 per cent. had over twenty (against 67 per cent.); 57 per cent. over thirty (59 per cent.); 48 per cent. over 40 (33 per cent.); and 19 per cent. over fifty years (5 per cent.). Of the 3,300 women on the register 65 per cent. had over ten years (43 per cent.); 33 per cent. over twenty years (10 per cent.); 10 per cent. over thirty years (3 per cent.). The report gave men an expectancy of service of 32.6 years, against 29 per cent. in 1936-38, and women an expectancy of 16.1 years (ten)."

In 1951 the annual intake of men during the preceding twenty-one years will have averaged 520; during ten years, 290. For women the figures are 106 (twenty-one years); 100 (ten years) and 140 (1949-50-51). Places for students in the schools recognised by the Society number about 1,200 which, with a two- or three-year course, limits the number of new entrants. A survey of hospitals is not yet to hand.

THE VICE-PRESIDENT formally seconded the motion for adoption of the report. MR. G. T. M. DAVID, Swansea, expressed regret that the Council had not thought fit to implement a proposal made by the Privy Council Visitors to the Society's examination to substitute for the existing syllabus of biology in the Intermediate

examination one based upon biology as a unified subject. He appealed for an evening meeting of the Society to be held in a centre other than London, and welcome Wales as a venue. MR. S. RELPH, Wanstead, speaking on behalf of the British Pharmaceutical Students' Association, said they were grateful to increased allowance the Society had made available to them. He asked whether more details could be given so that could be seen how the income figure from the "Pharmaceutical Journal" was arrived. He mentioned that the "Journal" had not been represented at the annual meeting of the B.P.S.A. in Cardiff recently. MR. L. J. D. HARRIS, Harrow, said that he would be sorry to see the headquarters move from Bloomsbury Square. MR. S. POWLSON called attention to advertisements in the "Pharmaceutical Journal."

Reply by President

THE PRESIDENT, in replying to the debate, said it was not possible to disclose the gross and net income of the "Pharmaceutical Journal" but he personally regretted that there had been no representative of the "Journal" at the Cardiff meeting. There was much to be said for settlement, but the present premises were the Society's own, and they had to look for a building or site; agents already had the matter in hand. The report was unanimously adopted.

The following motion, proposed by B. A. WILLIAMS and seconded by DALTON, was lost.

"As the appeal of the Minister of Health to doctors to discontinue the prescribing of expensive proprietary medicines in favour of less expensive official drugs appears to be unsuccessful this Annual General Meeting urges the Minister to enforce other steps to accompany this long-delayed reform and necessary economy. Further it recommends the following measures:

(a) To authorise the pharmacist to dispense where possible the official recognised drug in cases when expensive proprietary medicines prescribed unless the doctor marks the prescription 'N.A. not alterable.'

(b) To improve the palatability and appearance of the medicines, especially those in the National Formulary

(c) To widen the scope and increase the range of medicines for inclusion in the N.F."

Several speakers declared that such a move tended to reflect discredit on

escribers. MR. GRAINGER said that it was common knowledge that in hospitals substitution was the practice, but they had the goodwill of the medical men behind them in that. There was danger in seeking powers of enforcement from Whitehall.

The following motion was proposed by R. T. C. THOMAS

"That this meeting urges the Minister to set up a working party in all sections of the Health Service, including pharmacy, to inquire into:—(a) the costs within each section; (b) existing practices and educational standards; (c) use made of the personnel, conditions of service, remuneration, etc.; and (d) to make recommendations."

After considerable discussion the meeting rejected the resolution.

MR. M. PEEL moved a resolution

"That it is the opinion of this Annual General Meeting that the monies available to the Benevolent Fund are inadequate, and all possible means should be used to increase them,"

and the motion was carried unanimously.

MR. W. S. BENJAMIN moved

"That the meeting register a protest at the action of the Minister in setting aside negotiating procedure and ask for a reversal of the decision, and calls on the Council to bring together the various organisations of pharmacists as a first step towards the safeguarding of the professional interests of all members of the Society engaged in N.H.S."

MR. D. T. WILLIAMS said that pharmacists looked to the Society for help in forming a united body so that they could oppose future encroachments by the Minister. There had never been a more opportune time for uniting than today. If it were allowed to pass, the next opportunity might come too late. THE PRESIDENT said, in reply to a question, that if the motion was carried the Council would be pleased to do all it could to unite pharmacists. The motion was passed unanimously.

REPORT TO BRANCH REPRESENTATIVES

THE following is a summary of a report presented by the Council of the Pharmaceutical Society at the Branch Representatives' meeting on May 18 (see p. 674):—
SUPERVISION (*that "qualified supervision" as applied to dispensing should be defined that one pharmacist could supervise not more than two unqualified assistants*): The resolution is to be considered in relation to the man-power situation.

TESTING OF DRUGS, ETC. (*that testing drugs, medicines or appliances under the National Health Service should apply throughout the Service*): The Council understands that the scheme is intended to test the quantity and quality of the drugs and appliances supplied, and not the professional knowledge and skill of the pharmacist. The scheme does not apply to hospitals, as the drugs and appliances there are not supplied by the pharmaceutical staff under contract.

ADVERTISING (*that the Society's policy regarding suppressing individual advertising of dispensing services should be vigorously enforced and strongly supported*): The Council have continued to apply the policy.

RECOGNITION OF TECHNICIANS (*that no official recognition should be given to technicians*): The resolution has been noted.

"QUALIFIED PHARMACIST" (*that the expression "qualified pharmacist" commonly used in pharmaceutical periodicals is improper and should be discouraged*): It is at the Society's policy to use the term,

and the Council deprecate its use elsewhere.

TERMS USED IN NATIONAL HEALTH SERVICE ACT (*that references in the N.H.S. Act, 1946, to "persons" "providing," "authorised to provide" or "undertaking to provide" pharmaceutical services should be replaced by "pharmacists" thus giving to the profession the recognition accorded to other professions*): The Council took the view that the regulations should provide for the pharmacist in "personal control" at each premises to be responsible for the service so far as it relates to the dispensing of medicines. The matter was raised by Mr. Linstead in the House of Commons in connection with the N.H.S. (Amendment) Bill. Subsequently it was found that official support was not forthcoming, and after further discussion Mr. Linstead put forward another proposal which aimed to give a pharmacist whose conduct has been called in question in the investigation of a complaint the opportunity to establish his conduct in relation to the complaint. Although a regulation recognising the principle involved has been promised, it is far from what was desired. The Council will continue to examine the situation.

REPORTS OF BRANCH ACTIVITIES (*that Branch activities should be reported more fully in the "Pharmaceutical Journal"*): During the year ending April 1, approximately 50 per cent. more space has been devoted to branch and association news than in the previous twelve months.

BRANCH REPRESENTATIVES' MEETING

THE PRESIDENT of the Society (Mr. H. C. Shaw) opened the morning session of the Branch Representatives' meeting on May 18 with a tribute—inadvertently omitted from his remarks at the annual meeting the previous evening—to the staff at headquarters.

Appendix B (the Council's report on the corresponding meeting a year previously) was taken as read. A summary of it is recorded on p. 673. The meeting proceeded at once to debate the first resolution, put forward by the Aberdeen and North-eastern Scottish Branch.

Too Many Formulas?

That it is the opinion of this meeting that there are too many official or semi-official formulas and that the Society should endeavour to have all official formulas brought together in one publication. Further, it is the opinion of this meeting that no preparation should be altered materially without making a change in nomenclature.

MR. W. S. TAYLOR, who moved it, said that pharmacy was suffering from three things—a hangover from the emergency period, the dead hand of the Ministry of Health, and the absence of any considerable amount of research except by the "ethical" firms. There were far too many formulas, and though the National Formulary had attempted to improve the position his Branch felt that the time was ripe for action by the Council. Negotiations should be opened with the General Medical Council and Ministry of Health, and all dispensing formulas should be brought together in a single volume—either the British Pharmacopœia or the British Pharmaceutical Codex. MR. J. SMITH, who seconded, quoted examples of changes of formula that had caused difficulties because the old names had been retained.

Opposition to the motion was forthcoming from MR. G. T. M. DAVID, West Glamorgan, who maintained that standardisation was to the detriment of good formulas. More variety rather than less was wanted. MR. H. HOLMES, Torquay, opposed on the ground that the motion appeared to demand the perpetuation of many formulas that ought—like many in the National War Formulary—to die.

Support for the motion was expressed by MR. C. W. HOBSON, Sheffield, who said that in Sheffield the chemists had tried to find out whether doctors were getting what they thought they were getting when they

ordered under a still current title a preparation whose formula had been changed. The responsibility for standardised practice rested with the Society. MR. W. G. HOLIS, Nottingham, saw no need for the National Formulary as such. The Code should be extended to include all necessary formulas. If that made it too big a smaller formulary could be extracted from it for the use of doctors. MR. HARRIS, Southport, was surprised that pharmacists should be bewildered by a variety of available formularies. Surely a pharmacist depended for his livelihood on his knowledge of formularies.

The motion was carried.

Advertising and Ethics

Following the alphabetical arrangement of the agenda, the next resolution to put was the first of three standing in name of the Bradford Branch. MR. E. MAUDE was the mover.

(1) That this meeting, deplored the Ministry of Health's recent regulation re advertising of dispensing under the National Health Service, supports the Council of the Society and National Pharmaceutical Union in their objections to the Ministry and urges them to pursue with the utmost vigour representations against Ministerial regulations which are antagonistic to the profession's Code of Ethics.

He said that while many pharmacists might not like every detail of the Society's code of ethics, they were bound to strengthen the hand of the Council in defending it against outsiders. MR. C. DEWHIRST formally seconded and the resolution was carried without a dissentient.

The code of ethics, and especially the clause relating to the advertising of dispensing services, came up at three stages of the proceedings. Mansfield Branch moved

That it is the opinion of this meeting that the advertising off the premises of dispensing services should be strictly prohibited.

West Glamorgan Branch moved

(1) That it is the opinion of this meeting that the recently issued National Health Service Regulations relating to advertising are a reasonable step and that the Council should continue to make the strongest possible representations to the Minister to bring them into line with the Society's Code of Ethics.

Woking Branch moved

(2) That it is the opinion of this meeting that the Council is to be congratulated on the firm attitude which it has adopted in the matter of the advertising of N.H.S. dispensing services.

MR. C. H. P. ROBINSON, speaking for Mansfield, said that it was essential that the views of pharmacists on the subject of advertising should be made known to non-pharmacists. At present the company chemists and "co-ops" were not unduly perturbed at any criticism levelled against them on the score of how their extra business was obtained. To leave the question in the long purse would react against the small man and later Government-sponsored advertisements might come to be used to direct patients to health centres. Mr. Blenkinsop (Parliamentary Secretary to the Ministry of Health) had not been correct in stating that there were three points of view in the profession, and his error should be made clear to him. All three resolutions were carried.

Council's Reports to Representatives

The recurrent feeling that matters raised by the Branch Representatives were ignored by the Council was again apparent a number of resolutions, dealt with at various times in the day on account of strict adherence to alphabetical precedence. Bradford Branch moved

(2) That it is the opinion of this meeting that the discussion in Council and decisions on resolutions passed at the Conference be reported to the next Conference and also to the Branch or Branches promoting the resolution.

Dartford Branch put forward a resolution worded as follows:—

That it is the opinion of this meeting that the Council of the Society should report in the "Pharmaceutical Journal" their decisions on all motions approved at a Branch Representatives' Meeting before the next Branch Representatives' Meeting is held.

North Metropolitan Branch moved on similar lines

(2) That it is the opinion of this meeting that in view of the present system of leap-frogging business to alternate Branch Delegates' Meetings, that in order to keep Branches advised as to the action, if any, taken by the Council in connection with resolutions which are adopted by a majority vote, a progress report be given at the Summer meetings, and that questions be answered relative to such resolutions.

Reading Branch called for parallel but not identical action:—

(1) That it is the opinion of this meeting that a Progress Report of action taken on resolutions passed at Branch Representatives' Meetings should be published in the "Pharmaceutical Journal" at six-monthly intervals.

Opening for Bradford, MR. B. C.

THORPE commented how often a resolution moved, discussed and passed, often unanimously, had appeared to fall on non-fertile ground, with no explanation given of why no action was taken.

MR. C. E. TURNER, North Staffs, was against publication of the Council discussions. Members did not want their journal, he said, to become a miniature Hansard, but action decided upon should be reported to the Branches and in the Press.

MR. G. T. M. DAVID, West Glamorgan, considered it time that the Branch Representatives' meeting had more force, as Miss Burr had suggested should be brought about by a revision of the Charter. Otherwise they were rather wasting their time.

For Dartford, MR. G. H. SHEARD wanted the Council to report not only to the Branch concerned in putting forward a resolution but to all Branches, and before the next meeting. Many lively and useful discussions at Branch Representatives' meetings had been faithfully reported only to pass into their next phase behind the Iron Curtain—or should it be the old gold and lace curtain—of Council Committees. To have that curtain removed would give a clue to the worthiness of Council members.

There was no discussion on the North Metropolitan and Reading resolutions on the subject. All four were carried.

The subjects discussed at Branch Representatives' meetings were what concerned Glasgow and South-western Scottish Branch, which moved:—

That it is the opinion of this meeting that Branch Representatives' Meetings at the British Pharmaceutical Conference should be devoted to the discussion of the policies and current affairs of pharmacy.

Best Features Could be Combined

MR. W. C. CARMICHAEL, the mover, said there was no need for him to state the case for Branch Representatives' meetings: their importance had been demonstrated by two recent gatherings. There were so few occasions on which pharmacists from all parts met for discussion that at each they should be given an opportunity for an exchange of views. Talks by Council members were also of great value, and he did not suggest that the Conference-time meeting should necessarily follow the pattern of the May meeting, but there could be a combination of the best features of each.

The resolution was formally seconded and carried without discussion.

Electoral Methods

An apparent reversal in the afternoon of a decision taken in the morning turned on the difference between sectional and regional representation as a basis for electoral reform. In the morning Chester Branch, through MR. A. W. AUSTIN, moved

That it is the opinion of this meeting that the time has now arrived when the Council of the Pharmaceutical Society should be representative of all sections of pharmacy, and that in the opinion of this meeting this is best attained by territorial representation.

MR. AUSTIN gave figures to show that in the 1949 Council elections members returned, if recorded by territories, were:

| | |
|------------------------------------|---|
| London (1,743 registered premises) | 6 |
| Scotland (1,774) ... | 1 |
| Lancashire (1,714) ... | 2 |
| Yorks (1,244) ... | 3 |
| Wales and Monmouth (842) ... | 1 |
| Buckinghamshire (108) ... | 1 |

Cheshire, Durham, Essex, Kent and Warwickshire were unrepresented, he said. The best man obtainable was the ideal, but schisms did exist within pharmacy, and it was better by frequent contacts between rank and file and a Council member to pave the way to better harmony.

An amendment, proposed on behalf of Woking Branch by Mr. W. S. BENJAMIN, placed the emphasis on sectional representation. All sorts of interests had arisen within pharmacy, he said, that had never been envisaged when the scheme of representation had been worked out. Woking's aim was to secure that the various sections (one of the largest being the employees) were adequately represented.

The amendment was supported by MR. G. T. M. DAVID, West Glamorgan, who urged also that candidates' powers of propaganda should be restored, and by MESSRS. W. E. HUMPHRIES, Liverpool, and B. A. WILLIAMS, West Middlesex, but opposed by MESSRS. H. LONG, Bristol, and E. NEAL, West Kent, who thought further sectionalisation would only increase existing differences, G. J. HENDRA, Cornish Branch, A. W. AUSTIN, Chester, and GRIFFITHS, Portsmouth, who opposed as an employee because he objected to sections. "There is only one ticket on which to stand—as pharmacist," he declared.

MR. E. ROBINSON pointed out that under the revised Charter the Society would be committed to the formation of members' groups (e.g., hospital pharmacists) with the branches, and that sections might find their outlet in that way.

Both the amendment and the original motion failed to secure a majority. When in mid-afternoon, MR. E. NEAL, West Kent, moved

That it is the opinion of this meeting that election of members of the Council of the Pharmaceutical Society of Great Britain should be on a regional basis and that all necessary steps to implement this should be taken as soon as possible.

It appeared probable that that resolution would also be rejected, for MR. NEAL was not given a hearing. The stamp of feigned drowning his words to many in the room. However, MR. J. SMITH, Aberdeen, went to the microphone to protest at the denial of free speech to the mover of the resolution, and when the motion was put it was carried by a narrow majority.

Hospital and Health Centre Dispensaries

East Metropolitan Branch put forward a resolution in the following terms:

That it is the opinion of this meeting that all dispensing in hospitals should be by or under the supervision of a pharmacist.

A similar resolution affecting health centres was tabled by Sheffield Branch, and was worded as follows:—

(2) That it is the opinion of this meeting that dispensaries in Health Centres should be on an equal footing as retail pharmacies in respect of inspection, registration and supervision.

MR. W. H. CLOUD, for East Metropolitan, said that progress during recent years had still left many smaller hospitals without pharmaceutical supervision, for which the Council should continue to press. MR. REED, who seconded, said that pharmacists were examined, tested and visited as much as any profession, and it was unjust to subject them to regulations not applicable to other sections of the health services.

Both resolutions were passed without discussion.

(To be concluded)

Chemical Workers' Wage Increases. The Ministry of Labour estimates that the net weekly increase in wages of chemical workers during 1949 amounted to £38,300. About 172,500 individuals in the chemical and allied trades received higher wages during the year.

ROYAL SOCIETY'S CONVERSAZIONE

SPLAYS staged at a conversazione for members of the Royal Society (in full the Royal Society of London for Improving Natural Knowledge) on May 11 covered a number of sciences. Work being undertaken by Fulton and Hawking at the National Institute of Medical Research on filariasis, and the spectacular effect of Heterazan (anocide) in killing the young worms in the bloodstream of patients were the subject of one display. At another, Professor E. Shortt, F.R.S. (director of the department of parasitology, London School of Hygiene and Tropical Medicine), was sent to explain the life cycle of the filaria parasite, *Plasmodium cynomolgi*, showing under the microscope (in preparations of the liver of a volunteer) the pre-throcytic forms of the organism that had only recently been demonstrated to exist. In a series of fine drawings by Mr. Jobling (Wellcome Laboratories of Tropical Medicine), the anatomy and his-

tology of the African blood sucking midge (intermediate host of the human filariasis parasitic worm), and a species of the mosquito vectors of yellow fever and malaria were displayed. A machine for studying the conditions of temperature, humidity, wind, etc., in which insects fly was shown by Mr. P. S. V. Digby, Oxford. The growing field of microscopy was represented by a number of new techniques. For example, Mr. G. Causey, University College, London, demonstrated a method of using thin fine-grained photographic film for showing the position of radioactive phosphorus atoms in microscopical sections of nerves and muscles. The use in biology of a micro-manipulator designed by Drs. Fonbrune and Comandon, Paris (see *C. & D.*, March 11, pp. 313-14) was demonstrated in a remarkable film which showed, among other operations, the removal of the nucleus from an amoeba and its implantation in another amoeba.

CHEMICAL AND DYESTUFFS TRADERS

PRESENTING the annual report of the British Chemical and Dyestuffs Traders' Association in London on May 17, the chairman (Mr. C. Norton Stafford) referred to another year of useful activity. The Association had been consulted by the Board of Trade when the revision of the Heavy Industry Duty exemption list was contemplated. A number of bilateral trade and payments arrangements had been concluded during the year. The Board of Trade had invited the co-operation of the Association in the international negotiations, to begin in September, for a general agreement on tariffs and trade.

The rising costs of distribution were frequently criticised by would-be planners, who failed to recognise the connection between such costs and the higher charges for the transport and handling. Loss of goods through damage in handling was another matter over which the authorities seemed to have been losing control. The merchant continued to make a substantial contribution to the United Kingdom export trade in chemicals, and the distribution system on the home market continued to be based on the efficiency of merchandising organisations. Those points were emphasised because there was confusion about on the services of the merchant. Great Britain had always maintained her population by the ability of her merchants

to sell the products of the homeland. The Association had established contact with an organisation representing merchants in Australia with a view to facilitating an approach to any question which might arise out of the trade in chemicals between Australia and the United Kingdom.

Officers elected for the year were: President, Mr. G. S. Bache; Vice-president, Mr. C. W. Lovegrove; Chairman, Mr. C. Norton Stafford; Vice-chairman Mr. C. H. Wilson; Treasurer, Mr. L. S. Heskins.

At a luncheon which followed the annual meeting a toast to the Association was proposed by SIR HERBERT WILLIAMS, M.Sc., M.P., who said that the work of merchants was vital to the country's economy and he exhorted them to acquaint the public with their work. THE PRESIDENT (Mr. G. S. Bache) in responding said that they hoped for a "clean sweep of the thousands of Orders in Council" by which their work was restricted. MR. C. NORTON STAFFORD in proposing a toast to the guests urged that the present system of bulk buying be discarded immediately. SIR FRANK NIXON, K.C.M.G., (president, London Chamber of Commerce) replying, said that so much emphasis was made today on exports one overlooked the fact that, to get paid, it was also necessary to import. That situation applied particularly to the United States.

GUIDE TO NEW MEDICAMENTS

Information about new proprietary medicaments to be supplied principally on prescriptions. Editorial recommendation is not implied. Reprints obtainable on application.

A MINACYL

MANUFACTURER: A. Wander, Ltd., 42 Upper Grosvenor Street, Grosvenor Square, London, W.1.

DESCRIPTION: Sodium salt of para aminosalicylic acid.

HOW SUPPLIED: 2 c.c. and 10 c.c. ampoules of 20 per cent. solution, in boxes, each containing 3, 6, or 25. Dragees containing 0.34 gm. (equivalent to 0.3 gm. of acid) in packages of 250 and 1,000.

THIOPARAMIZONE

MANUFACTURER: Herts Pharmaceuticals, Ltd., Welwyn Garden City, Herts.

DESCRIPTION AND FORMULA: *p*-acetylaminobenzaldehyde thiosemicarbazone.



INDICATIONS: As a tuberculostatic agent.

DOSAGE: Dosage has not been finally established. Recommended initial dosage is mgm. daily orally for 1-2 weeks, gradually increased to 200 mgm. daily.

HOW SUPPLIED: Containers of 100 and 500 tablets each containing 50 mgm.

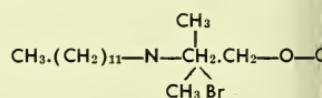
NOTES: The compound is commonly called TB1, and has been used widely in Germany in the treatment of various forms of tuberculosis.

BRADOSOL

MANUFACTURER: Ciba Laboratories, Ltd., Horsham, Sussex.

DESCRIPTION: β -phenoxy-ethyl-dimethyl-dodecyl ammonium bromide, a bactericide cationic detergent.

INDICATIONS: Antisepsis of wounds and burns, pre-operative skin and hand disinfection. Disinfection of utensils, linen and air. Of value in dermatology, urology, obstetrics and gynaecology.



USE: Solutions of from 1:100 to 1:10,000.

HOW PACKED: As 5 per cent. perfumed solution in 2-oz. bottle with cap which can be used as a measure. Also in 20-oz. and 80-oz. dispensing packs.

NOTES: The preparation is incompatible with soap.

ANAVENOL SUSPENSION

MANUFACTURER: Imperial Chemical (Pharmaceuticals), Ltd., Fulshaw Hall, Wimborne, Manchester.

DESCRIPTION: A fine suspension of β -naphthoxyethanol in a sterile aqueous medium, 10 per cent. weight in volume.

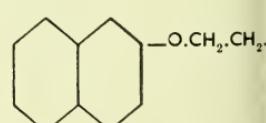
INDICATIONS: Intravenous anaesthesia in horses of all classes.

REFERENCES: Parry (1949). Paper read at the XIVth International Veterinary Congress, London, 1949. Francis and Parry, "Veterinary Record," 1949, 33, 509.

DOSAGE: 12 c.c.-25 c.c. per cwt. body weight (0.25 c.c.-0.55 c.c. per kilo) depending upon size and temperament, etc., by slow intravenous injection.

HOW SUPPLIED: Containers of 500 c.c. designed for direct injection by a standard type of positive pressure apparatus.

NOTES: Too rapid injection may give rise to respiratory difficulties. Anavenol should not be used in old or sick animals with cardiovascular or pulmonary weakness.



β -naphthoxyethanol

CORRESPONDENCE

Election Candidates' Thanks

SIR,—I should like to thank the large number of pharmacists who voted for me in the recent Council election and to assure you that I intend to try again next year, and I hope to be successful.

Bristol, 1. W. COOPER.

SIR,—May I through your columns express my sincere thanks to those pharmacists who helped to secure my return to the Council of the Pharmaceutical Society to assure all pharmacists of my constant endeavours on their behalf.

Manchester, 4. HARRY STEINMAN.

SIR,—May I, through the columns of THE CHEMIST AND DRUGGIST, thank all the members who had sufficient confidence in me to record a vote against my name in the recent election for the Council. To those 3,000 may I say "Thank you" and assure them that the increased number of votes I received this year gives hope for a future occasion.

Kingston-on-Thames. HUGH BLACK.

A Call for Unity

SIR,—The impact of the Minister of Health's decision to cut the percentage cost on drugs will inevitably be felt first of all in England and Wales. It is not reasonable to assume that whatever happens in England and Wales today will be repeated largely in Scotland and Northern Ireland tomorrow—we are all paid out of the same treasury. This being so, we in Northern Ireland are watching the proceedings with intense interest, bearing in mind what happened in the respective cases when the original negotiations were under way. It was with considerable forewarning that we learned of the humiliating collapse of the pharmaceutical front in England and Wales which in turn led to our surrender in Scotland. No other course was open to the Scottish chemists than to agree temporarily to the terms then offered. Although in Northern Ireland we had a strong front our local Minister of Health was enabled to plead that he had no justification in offering us better terms than in Scotland. We are now keenly aware that battles are fought and won in London although we have no direct participation in the fight on that battlefield. In view of this, and faced as we are with prospects of renewed skirmishing, it may not be out

of place for one over here to offer a few suggestions to his English colleagues. Being further from the scene of action we possibly have a clearer view of what is going on. It would appear to us that the greatest weakness of the English case arises from lack of unity in pharmaceutical circles. The private chemist mistrusts the "co-ops." and the chain stores and these in turn have little consideration for him. This plays right into the Government's hands, whose well known principle is "divide and rule." The answer to the present proposals—undoubtedly the forerunner of many more such—is for English and Welsh chemists of all categories to get together, sink their differences, bury the hatchet and coalesce into one united front, consolidated and impregnable. There is no reason why each group should not preserve its own identity and characteristics, just as nations of Western Europe do while combining for mutual defence. Surely there is someone amongst the great pharmaceutical leaders of our time, who commands sufficiently the confidence and respect of all branches of the craft, who could achieve this essential preliminary to success.

Belfast. PERCY R. W. SHINNER.

Resolution on Oncost

SIR,—A general meeting of the Epsom, Sutton and District Branch of the National Pharmaceutical Union was held to consider the Minister of Health's reduction in oncost payments, and the following conclusions were reached. (1) The method of imposition of the cut was resented. (2) An oncost payment of 16 per cent. would be an uneconomic proposition for the following reasons:—(a) Oncost payments must pay the overheads and form the profits on capital outlayed. Average oncost at the rate of 33 per cent., £400 per annum, based on an average of 1,000 prescriptions per month per shop. Half this figure would obviously be quite inadequate; (b) costs of all kinds have increased, not decreased, since the inception of the N.H.S. This branch affirms its complete opposition to the decision of the Minister of Health to cut the oncost payments to chemists and will support the N.P.U. Executive in forceful resistance to the arbitrary reduction in the remuneration of dispensing contractors.

MARY L. KNOWLES, *Secretary.*
West Ewell.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

28 Essex Street, W.C.2, May 24

THE markets for PHARMACEUTICAL and FINE CHEMICALS continue steady, with a good spot business done during the past week. Although home-trade prices are unchanged the undertone of the markets is firmer, as a result of anticipated increases in the cost of certain raw materials and the new higher costs of carriage. Trading in CRUDE DRUGS has shown a slight improvement, although the level of demand is still below what is regarded as normal for the time of the year. An active demand has been received for CAMPHEPHOR, refined powder and $\frac{1}{4}$ -oz. tablets. It is understood that Hong Kong has ceased offering camphor and it is difficult to get offers from Formosa, particularly of B.P. powder, although shipment business has been done in the B.B. grade. New-crop Alexandrian SENNA PODS are now arriving; quality has so far been disappointing. SENECA is a firmer market. Spot quotations for GUAIACUM RESIN are slightly higher. Supplies of STROPHANTHUS (*Kombé*) are rather short. Madras TURMERIC is easier on the spot reflecting new-crop influences. Demand for spot MENTHOL has fallen off; the forward market is slightly easier. The SHELLAC market is steady and spot quotations are unchanged. CARNAUBA WAX on the spot is quoted at 5s. to 10s. per ewt, above prices of a week ago. Principal feature in ESSENTIAL OILS markets has been increased strength in LEMON and shippers are now quoting prices rather higher than spot values. West African SWEET ORANGE is firm. Chinese ANISE and PEPPERMINT are slightly easier on the spot; a fair to good demand is reported from the Continent for these oils. There is little TEASEED OIL on the spot and high prices are asked. Demand for OLIVE OIL is increasing. Imported expressed ALMOND, B.P., is scarce and the market continues firm.

U.S. Drug and Chemical Report

New York, May 19

THE markets for PHARMACEUTICAL and FINE CHEMICALS are steady although most products are moving rather slowly. A seasonal increase in demand for CITRIC ACID, however, is expected to develop in the near future. Competitive influences for SULPHANILAMIDE have brought about a 25 cents per lb. reduction in all grades of the material. U.S.P. powder is now quoted at \$1.05 per lb. in lots of 1,000 lb. or more, and \$1.25 in 25-lb. quantities; free-flowing crystals are priced at \$1.15 in 1,000-lb. lots and \$1.35 in 25-lb. lots; all rates being f.o.b. works, freight adjusted basis. There have been no im-

portant developments in CRUDE DRUGS buyers are only purchasing for immediate requirements. Spot MENTHOL prices remained at \$10.60 per lb., but trade very limited. Cables from Brazil indicate that replacements would work out maximum of \$11.10 per lb., spot, offerings from the Far East are still limited. After a period of falling prices CARNAUBA WAX has been advanced between 3 and 5 cents per lb.; these prices compare very favourably with the minimum export prices fixed by the Brazilian authorities. The ESSENTIAL OILS market is not very active although inquiries for CITRUS OILS are coming in on a large scale. Domestic ORANGE OIL is still in short supply and there is an increase in the volume of business which undoubtedly result in higher prices.

Exchange Rates on London

Rates at the opening on Wednesday morning were:—

| Centre | Quoted | Rate |
|------------------------------------|-----------|------|
| *Alexandria ... Piastres to £ | 97½—97 | |
| Amsterdam ... Florins to £ | 10.63—11 | |
| *Australia ... £A to £ | 125—12 | |
| *Bombay ... Shillings to rupee | 1/5 15—1/ | |
| Brussels ... Francs to £ | 139.90—14 | |
| Copenhagen ... Kroner to £ | 19.32—19 | |
| Dutch East Indies ... Florins to £ | Suspend | |
| Dutch West Indies ... Florins to £ | 5.27½—5.5 | |
| *Hong Kong ... Shillings to \$ | 1/2 18—1/ | |
| *Israel ... £I to £ | 99½—10 | |
| *Karachi ... Shillings to rupee | 2/1 22—2/ | |
| Lisbon ... Escudos to £ | 80.35—80 | |
| Manilla ... Peso to £ | 5.60—5.6 | |
| Montreal ... Dollars to £ | 3.07½—3.0 | |
| New York ... Dollars to £ | 2.79—2.8 | |
| *New Zealand ... £NZ to £ | 100½—10 | |
| Oslo ... Kroner to £ | 19.98—20 | |
| Paris ... Francs to £ | 979—98 | |
| Rio de Janeiro ... Cruzeiros to £ | Braz. a/ | |
| *Singapore ... Shillings to \$ | 2/4—2/ | |
| Stockholm ... Kronor to £ | 14.47—14 | |
| *Teheran ... Rials to £ | 89.40—91 | |
| Zurich ... Francs to £ | 12.23—12 | |

*Free market rates; remainder Bank of England rates.

Pharmaceutical Chemicals

ACETANILIDE.—Crystals are quoted from 2s. 1½d. to 2s. 6½d. per lb., powder from 2s. 2½d. to 2s. 7½d. per lb.

ADRENALINE.—B.P. is quoted from 3s. 6d. per gm. for natural and 2s. 2d. for synthetic; racemic, 2s. per gm.

p-AMINOBENZOIC ACID.—Makers' prices are from 35s. to 38s. 6d. per lb. SODIUM SALT is 37s. 6d. to 41s. per lb.

SPIRIN. — Home-trade rates are now $\frac{1}{2}d.$ per lb. in 10-cwt. lots, and 3s. 9d. per cwt. lots. Scheduled rates per lb. quantities of 28-lb. and under 1 cwt. 4s. 8d. (1-lb. containers); 4s. 7d. (14-lb.); 4s. 6 $\frac{1}{2}$ d. (4-lb.); 4s. 5 $\frac{1}{2}$ d. (7-lb.); 5d. (14-lb.); 4s. 4d. (28-lb.) net one th. Tablets recently increased by 2d. 1,000. Rates per 1,000 for bulk supplies are: Under 5,000, 3s. 11d.; 5,000 over, 3s. 9d.; 10,000, 3s. 8d.; 25,000, 3s. 5d.; 50,000, 3s. 5d.; 100,000, 3s. 4d.; 500,000, 3s. 3 $\frac{1}{2}$ d.; 500,000, 3s. 3d.; 1,000,000, 3s. 2d.

ARIUM SULPHATE (x-ray). — Prices are arranged, 1 cwt., 1s. 3d. per lb. Scheduled rates per lb. (containers in brackets), for quantities between 28 lb. and 1 cwt. are as follows: 1s. 8d. (1-lb.); 1s. 7d. (2-lb.); 5 $\frac{1}{2}$ d. (4-lb.); 1s. 5 $\frac{1}{2}$ d. (7-lb.); 1s. 5d. (14-lb.); 1s. 4d. (28-lb.).

ENZENE. — Dearer. B.P.C. grade is quoted at 7s. per gall.; thiophene free, 9s. 6d. gall.

ETANAPHTHOL. — Steady. Makers quote rates from 2s. 9 $\frac{1}{2}$ d. to 3s. 1 $\frac{1}{2}$ d. for B.P. quality packed in 28-lb. packages.

DRAX. — Steady. Rates for B.P. quality in 1-ton lots and upwards are as follows:—granular, £44; crystal, £46; powder, £47; extra-fine powder, £48 per ton; in 1-cwt. bags, carriage paid, Great Britain. Charges for small quantities are as follows:—Less than 1 ton but not less than 1 cwt., 1s. per cwt.; 3 cwt., 2s.; 1 cwt., to 5s.; less than 1 cwt., 5s. to 10s. per more than above rates.

ORIC ACID. — Steady. Rates for B.P. quality in 1-ton lots and upwards are as follows:—Granular, £75 10s.; crystal, £78 10s.; extra-fine powder, 10s.; small flake, £94 per ton; in 1-cwt. bags, carriage paid, Great Britain. Charges for smaller quantities are as follows:—Less than 1 ton but not less than 1 cwt., 1s. per cwt.; 3 cwt., 2s.; 1 cwt., 3s. to 5s.; less than 1 cwt., 5s. to 10s. per cwt. more than above reduced rates.

ROMIDES. — Makers' rates per lb. in the United Kingdom and Eire are as follows:—**POTASSIUM**, B.P. (crystal) and U.M.P.: 5 cwt., 2s. 2 $\frac{1}{2}$ d.; 1 cwt., 3 $\frac{1}{2}$ d.; 28 lb., 2s. 10d.; 7 lb., 3s. 1 $\frac{1}{2}$ d. Potassium salt in powder is 1 $\frac{1}{2}$ d. per more than the foregoing prices. **AMMONIUM**, B.P.C., is 1 $\frac{1}{2}$ d. per lb. more than potassium and sodium salts. Terms: net, 1-cwt. cases or kegs charged: 10s. parcels, free; smaller quantities added extra. Schedule quantities may be made of assorted salts down to 28 lb.

UTOBARBITONE. — Makers' prices for all quantities are from 73s. per lb.

UTYL CHLORAL HYDRATE. — Merchants asking from 17s. 6d. to 20s. per lb., as quantity.

CHLORAL HYDRATE. — Current rates per for the home trade are: 1-cwt. lots, 56-lb., 4s. 2d.; 28-lb., 4s. 4d.

CITRATES. — Prices are as follows:—**POTASSIUM**, 5-cwt. lots, 2s. 10 $\frac{1}{2}$ d. per lb.; 1 cwt., 2s. 11 $\frac{1}{2}$ d.; scheduled prices for quantities of 28 lb. to 1 cwt. are (containers in brackets): 3s. 9 $\frac{1}{2}$ d. (1-lb.); 3s. 8d. (4-lb.); 3s. 7d. (7-lb.); 3s. 6 $\frac{1}{2}$ d. (14-lb.); 3s. 5 $\frac{1}{2}$ d. (28-lb.). **IRON AND AMMONIUM CITRATE**, B.P., 7d. per lb. more; **SODIUM**, B.P., 3d. less; powder, 1d. more.

CITRIC ACID. — B.P. — Makers quote 1s. 5 $\frac{1}{2}$ d. per lb., less 5 per cent. for 1-cwt. lots, delivered in the U.K.

GLYCEROPHOSPHATES. — Current home-trade prices per lb. for 28-lb. lots are: **ACID**, 20 per cent., B.P.C., 7s. 3d.; **CALCIUM**, B.P.C., neutral soluble, 10s. 9d.; **IRON**, B.P.C., powder, 12s.; **MAGNESIUM**, B.P.C., 17s. 9d., and insoluble, 9s.; **MANGANESE**, B.P.C., 23s. 6d.; **POTASSIUM**, 50 per cent., B.P.C., 5s. 1d., and 75 per cent., 6s. 9d.; **SODIUM**, 50 per cent., B.P.C., 3s. 9d., and 75 per cent., 4s. 10d.

GUAIACOLS. — Liquid is quoted at from 15s. 6d. to 17s. 6d. per lb.; and crystal and carbonate, from 15s. to 16s., according to quantity.

MERCURY SALTS. — Current prices per lb. from makers are as follows:—**AMMONIATED**, B.P., powder, 8s. 5d. (1 cwt.); lump, 8s. 3d. **IODIDE (MERCURIOUS)**, B.P.C., 21s. 3d. (28 lb.). **IODIDE (MERCURIC)**, B.P., 16s. 9d. (1 cwt.). **OXIDE (RED)**, B.P.C. and **OXIDE (YELLOW)**, B.P., 8s. 10d. (1 cwt.). **PERCHLORIDE**, B.P., lump, 7s. 5d., and powder, 6s. 11d. (1 cwt.). **SUBCHLORIDE**, B.P., 8s. 4d. **SULPHATE (MERCURIC)**, B.P.C., 14s. **SULPHIDE (MERCURIC)**, 16s. (28-lb.). **SULPHIDE (VERMILION)**, 9s. 3d. (1 cwt.), **MERCURY with CHALK**, B.P., small lots, 5s. 2d.

PANCREATIN. — 1-cwt. lots of B.P. are quoted at 9s. per lb., and 28-lb. at 10s. U.S.P., 1-cwt. lots, 11s. 6d. per lb.

PARADICHLOROBENZENE. — For B.P.C. quality, 1s. 7d. per lb. is quoted, for small quantities.

PHOSPHATES. — Steady. Makers' rates per lb. are as follows:—**SODIUM**, B.P., 1 cwt., 6d.; 28 lb., 7 $\frac{1}{2}$ d. **SODIUM ACID**, B.P., crystals, 1 cwt., 1s. 9d.; 28 lb., 2s.

POTASSIUM, granular, 4s. 2d.; powder, 4s. 5d. (for 7-lb. lots). **AMMONIUM**, B.P.C., 1 cwt., 2s. 6d.; 28 lb., 2s. 10d. **PHOSPHORIC ACID**, B.P. (concentrated), is from 1s. 2d. to 1s. 3 $\frac{1}{2}$ d. in carboys and from 1s. 5 $\frac{1}{2}$ d. to 1s. 9 $\frac{1}{2}$ d. per lb. in winchesters.

STEARIC ACID. — In short supply. Triple-pressed is quoted at from 148s. to 150s. per cwt.

SULPHAGUANIDINE. — 1-cwt. lots are 19s. 3d. per lb.; 14-lb. lots are now 20s. 6d. per lb.

TEREBENE. — Carboy lots are now 3s. 6d. per lb.; 24 winchesters, 3s. 7 $\frac{1}{2}$ d.; 6 winchesters, 4s. 2d.; 1 winchester, 4s. 6d.

TERPINEOL. — B.P. quality in 1-cwt. lots is now 3s. per lb., with smaller quantities up to 3s. 6d. per lb.

Crude Drugs

AGAR.—Steady. Kobé No. 1 on the spot is offered at around 9s. to 9s. 3d. per lb.

ALOES.—Cape on the spot is quoted at from 112s. 6d. to 115s. per cwt., as to quality. Curaçao is quoted at 225s. per cwt., spot; for shipment, 220s., c.i.f.

BALSAMS.—Canada on spot is quoted at 18s. 6d. per lb. Pará *Copaiba* is offered at from 7s. 6d. to 8s. per lb., duty paid, and 7s. 6d. in bond. San Salvador *Peru* is offered at from 7s. per lb., duty paid. *Tolu* is quoted at 18s. 6d. per lb., spot.

BENZOIN.—Sumatra block on the spot is quoted at from £17 15s. to £18 15s. per cwt.; Siam tears, no supplies.

BLACK HAW.—Supplies of tree bark are offered at 3s. 3d. per lb., duty paid.

BUCHU.—Short-round leaves are quoted at from 2s. 11d. to 3s. per lb., spot; for shipment, 2s. 7½d. to 2s. 8d., c.i.f. Ovals are available at 2s. 8d. per lb., spot.

CAMPHOR.—Firm. Chinese tablets are quoted from 5s. 3d. per lb. for ¼-oz. and from 5s. for ½-oz.; 2½-lb. slabs are from 5s. per lb.; all duty paid, spot London. Chinese refined powder (B.P.) is offered at from 3s. 9d. to 4s. duty paid (in bond, 3s. 6d.); afloat, 3s. 6d., c.i.f. Business done in B.B. grade for shipment at 3s. per lb., c.i.f.

CASCARA SAGRADA.—Old-crop is offered at 285s. per cwt., duty paid, spot; new-crop, from 240s. to 250s., c.i.f., nominal.

CHILLIES.—Sierre Leone on the spot, quoted at 295s.; May-June shipment, 270s., c.i.f. Nigerian, May-June shipment, 230s., c.i.f. Sudanese, 300s. per cwt., spot.

CINCHONA BARK.—Forty-eight bales of Tanganyika quills and ninety-five bags of chips are to be auctioned at Woodhouse, Carey & Browne's saleroom, third floor, 20 Eastcheap, London, E.C.3, on May 31, at 12 noon.

CLOVES.—Market continues quiet. Zanzibar is offered at from 1s. 9d. per lb. on the spot; for shipment, 1s. 10½d., c.i.f. Madagascar is offering at 1s. 8½d. per lb., in bond. Ceylon is offered at 2s. per lb., spot.

ERGOT.—Portuguese old-crop material for shipment, 26s., c.i.f., quoted; Russian, 22s., c.i.f.

GENTIAN.—French on the spot is quoted at 85s. per cwt.

GINGER.—African new-crop now quoted at from 305s., spot; May-June, 295s., c.i.f. quoted. Jamaican No. 3 is in short supply and is nominally valued at 400s. per cwt., spot; new-crop, May-June shipment, 390s., nominal, c.i.f.

GUAIACUM RESIN.—A firmer market. All cheaper material has gone and sellers now quote 3s. 9d. per lb. for spot; to arrive, 3s. 3d. per lb., landed.

GUM ACACIA.—Kordofan cleaned sorts on the spot, offered at 86s. per cwt., spot

London or Liverpool; May-June shipment 51s., c.i.f. Bleached gum, 165s., spot Talha is 52s. 6d. per cwt., on spot; shipment, 47s. 6d., c.i.f.

MENTHOL.—Quiet. Brazilian on spot from 91s. to 92s. 6d. per lb., duty paid April-May shipment, 90s., c.i.f.; May-June, 85s., c.i.f.; June-July, 82s. 6d., c.i.f. Chinese, in bond, is 87s. 6d. to 88s.; afloat, 85s. per lb., c.i.f.

MERCURY.—Spot quotations are from £17 5s. per flask, ex warehouse.

QUINCE SEED.—Cape on the spot quoted at 3s. 6d. per lb.

SARSAPARILLA.—Spot business has been done in Jamaican native red at 2s. 4 per lb.

SEEDS.—The market for ANISE continues quiet. Turkish is 152s. 6d. per cwt., bond, and 162s. 6d. per cwt., duty paid. Egyptian is 150s. per cwt., in bond; spot London. **CARAWAY.**—Dutch remain unchanged at 122s. 6d. per cwt., duty paid, in London. **CELERY.**—French has been cleared on spot; sellers quoting 23s. per cwt., duty paid, for June delivery. Indian on spot is unchanged at 1s. 9d. per lb. **CORIANDER.**—Little business reported. Old-crop on spot is quoted 107s. 6d. per cwt., duty paid, and 102s. 6d. per cwt., in bond. New-crop, for June-July shipment, quoted at 62s. 6d. per cwt., c.i.f. London; July-August, offered 61s. per cwt., c.i.f. **CUMIN.**—Market firm. Morocco is 175s. per cwt., in bond. Cyprus quoted at 180s. per cwt., spot. New-crop, Morocco, for July-August shipment, is quoted at 175s. per cwt., c.i.f. Cyprus new-crop, for June-July shipment, is quoted at 155s. per cwt., c.i.f. **DILL.**—Quiet. Indian on spot offered at 62s. 6d. per cwt.; for shipment, 67s. 6d. per cwt., c.i.f., now quoted. **FENNEL.**—Indian spot is unchanged at 95s. per cwt. New-crop for shipment quoted at 120s. per cwt., c.i.f. **FENUGREEK.**—Morocco on spot is quiet at 57s. 6d. per cwt., duty paid, in London; and 55s. in Liverpool. India is 62s. 6d. per cwt., spot London.

SENEGA.—Supplies are short on the spot; quotations are from 10s. 9d. to 11s. per lb.; for shipment, 11s., c.i.f., nominal.

SENNA.—Tinnevelly on spot. No. 1 leaves are from 9½d. to 11d.; No. 2, 8½d. to 10d.; No. 3, 7½d. to 8d., nominal. Tinnevelly pods are from 8½d. to 11½d. per lb. manufacturing, from 6d. Alexandrian pod, medium grades, are quoted at from 4s. 3d. to 5s. 3d. per lb., and manufacturing, to 7½d. spot.

TRAGACANTH.—White ribbon, selected, quoted at £140 to £145 per cwt.; No. 1, £140; No. 2, £117 6s.; No. 3, £100, spot.

WAXES.—Markets generally steady. **CARNAUBA** is quoted dearer: fatty green, 655s., spot and 645s. per cwt., c.i.f., for May-June shipment; prime yellow, 890s. spot, and 875s., c.i.f.

Essential and Expressed Oils

ALMOND.—English-expressed sweet oil (P.) is from 5s. 9d. to 6s. 3d. per lb.; imported oil is from 5s. 6d. to 6s., spot; ter essential oil, s.a.p., on the spot, from 24s. to 40s. per lb., as to grade.

ANISEED.—Quiet. Spot quotations are m 8s. to 8s. 3d. per lb. for drums; y-June shipment, 7s. 2d., c.i.f.

BAY.—Quiet. West Indian on the spot is sted at from 5s. 3d. to 7s. 6d. per lb.

BERGAMOT.—Spot quotations are from . to 35s. per lb.

BOIS DE ROSE.—Brazilian on the spot from 24s. 6d. to 27s. 6d. per lb.

CAJADE.—Spanish oil, B.P., on the spot, quoted at from 2s. 9d. to 3s. 9d. per lb.

CAMPHOR.—White oil on the spot is quo- at 2s. 6d. per lb., duty paid; brown from 1s. 6d. per lb., spot, duty paid.

CANANGA.—Java is offered at 28s. 6d. lb., spot, for small quantities.

CARAWAY.—English-distilled is offered at m 38s. 6d. to 40s.; imported oils are ed at from 22s. 9d. to 26s. 6d. per lb. t.

CITRONELLA.—Ceylon is offered at from 3d. to 8s. per lb., spot; May-June pment, 7s. to 7s. 1d., c.i.f. Java is ted at 17s. 6d. per lb., spot.

CLOVE.—English-distilled bud oil is of ed at from 14s. 6d. to 15s. 6d. per lb., ording to quantity; Zanzibar stem oil quoted at 10s. per lb., spot.

DILL.—English-distilled oil is quoted at but 65s. per lb. for B.P. quality. Im- ed oils are offered at from 28s. to . 3d. per lb., as to quality.

GERANIUM.—Bourbon is quoted at from ls. to 130s. per lb., spot; forward, 115s. lb., c.i.f. Algerian on spot is quoted from 96s. to 100s. per lb.

LEMON.—Firm. Sicilian hand-pressed, 4 cent. citral, on the spot is quoted at wards from 25s. to 26s. per lb.; for pment, 26s. 9d., c.i.f. Other grades (plying with B.P. standards), from 3. 6d. per lb. on the spot.

LEMONGRASS.—Spot quotations are from . to 15s. per lb.; for shipment, 11s. 9d. 12s., c.i.f.

LIME.—West Indian on spot is quoted from 50s. to 53s. 6d. per lb., for good- ality oil.

OLIVE.—In good demand. Edible oil in ms is quoted at from 26s. 2d. to 26s. 3d. gall., ex warehouse.

PEPPERMINT.—Spot quotations for inese (*M. arvensis*) are from 41s. to s. per lb.; May-June shipment, 37s. 6d. f. *Piperita*, B.P. oil is offered at from s. to 65s. per lb. on the spot. English- distilled "Mitcham" oil is at 210s. to 0s. per lb.

PETITGRAIN.—Paraguayan is quoted at om 14s. 3d. to 16s. per lb., spot.

PIMENTO BERRY.—English-distilled oil, from 65s. to 70s. per lb. and upwards as to quantity; No. 2, 27s. per lb., spot.

PINE.—*Pumilionis*, about 16s. to 17s. per lb., spot; *sylvestris*, from 8s. 6d. to 10s.

PINE NEEDLE.—First-grade on the spot is quoted at from 14s. to 16s. per lb.

ROSEMARY.—Spanish on spot is offered at 6s. 8d. to 8s. per lb., as to quantity.

SANDALWOOD.—Mysore oil on spot is around 77s. per lb.; East Indian is offered at from 75s. to 76s. per lb., spot. West Indian oil is from 18s. 6d. per lb., ex ware- house London.

TEASEED.—Firmer. Little on the spot; June delivery, 23s. 6d.; July delivery, 21s. 6d. per gall., ex refinery.

SWISS EXPORTS DECLINING

REFLECTING increasing competition abroad and restrictions on the use of foreign currency, exports of Swiss chemicals and pharmaceuticals declined substantially in the course of 1949. The decline in exports continued during the first quarter of 1950, but has slowed down somewhat as Swiss chemical exporters have made some price concessions to old-established customers abroad. Price reductions have reduced profit margins to a considerable extent, but, on the other hand, have put a halt to staff dismissals. The industry had been forced to cut staff drastically in 1949. However, it has not always been possible to bring Swiss prices to the same level of those quoted by foreign competitors. The pharmaceutical industry has been the most successful in this respect, and it has even been possible to step up exports. Exports of pharmaceuticals during the first four months of 1950 reached a value of 65 millions Swiss francs as compared with 61 millions in the same period of 1949. The bulk of exports went to Brazil, Egypt, Germany, U.S.A., Belgium, Italy and France.

Exports of perfumeries have also de- clined with total exports during the first four months of this year valued at 6.7 millions, a decline of 1.3 millions from the 8.0 millions Swiss francs' worth exported in the corresponding period of 1949. France was the largest purchaser taking goods in April valued at 373,000 Swiss francs, fol- lowed by Italy with 257,000, Germany with 125,000, Canada with 90,000 and the U.S.A. with 73,000.

Exports of industrial chemicals, on the other hand, have remained stable, although overseas trade on dyestuffs declined sub- stantially.

DEBATE ON HEALTH SERVICE

THE last meeting of the present session of the South Shields Pharmacists' Association was held on May 9. A debate on the motion "That Health Centres are the only effective way to meet the heavy demands on the Pharmaceutical Service" was opened by MR. TURNER BELL (secretary of the Association) who said that health centres would give the public the advantage of specialists. The pharmacist in the centre would have no distractions, and the prescriber would be easily accessible if it proved necessary to contact him. There would be no need for delay through short stocks imposed by economic factors in private dispensaries. A shift system would solve rota difficulties. Pharmacists absorbed by the centres would have safe, easy jobs with social-service advantages and pensions, and posts in which pay was not by results. The "shopkeeper type" would be able to do his job properly and earn his own living without the necessity of providing a public dispensing service out of his private funds (which should be used for capitalising his own business). Supporting the motion, MR. A. W. KINGHORN said that necessary economies in the Service could only be effected by reducing the remuneration on chemists or reducing their overhead costs. The first was unthinkable, and the second could only be achieved by reducing the number of distribution centres (that is, by establishing health centres). Trade and dispensing must be separated, and the pharmacist would thereby achieve professional status. Shops could close at the proper hour with benefit to employee and employer alike.

Speaking against the motion, MR. A. L. WILLIS said that the crowded centres would expose people unnecessarily to infection. Regimentation would deter many from going to the doctor until too late. Individuality of treatment would be sacrificed and dispensing would be done by girls under the supervision of one pharmacist, thus causing unemployment in the profession. There would be a tendency to take the line of least resistance using only drugs stocked. Research by manufacturers would cease.

MR. W. A. POWER, also opposing the motion, said that the cost of establishing the centres on a national scale "staggered the imagination." Chemists today coped with all the dispensing at no extravagant cost to the Government. The motion was lost by five votes to twenty-six.

TRADE MARKS

(From "The Trade Marks Journal," May

For medicinal cod-liver oil and orange-juice parations (5).—"COJUL"; by the Wilson Extract Co., Ltd., New Zealand; 683,753.

For medicated confectionery containing h (5).—"HONEY BEAR" on label device of bear bees; by the Brynn Manufacturing Co., Wigton; 683,410.

For antihistaminic tablets (5).—"RESIST" by Bristol-Myers Co., New York; 684,651.

For infants', invalids' and dietetic foods ("NESMIDA"); by the Nestlé Co., Ltd., H 686,090. Device of three bottles on Tudor by Thornton & Ross, Ltd., Huddersfield; 686

For medicated toilet papers (5).—"VELVE" by Velvet Crêpe Paper Co., Ltd., Alpine; 686,481.

For medicated teething salves (5).—"ZILDEN" by Joseph Angelman, Liverpool; 682,015.

For photographic apparatus and instruments—"TECHNICROME"; by Technicolor Motion Picture Corporation, Hollywood; 666,180. "JOBA" by Jones & Bailey, Ltd., London, N.7; 685. "BARCRO"; by E. N. Mason & Sons, Ltd., Chester; 686,148.

For scientific apparatus and instruments ("ELLIOTRONIC", "ELLIOTTRON", "ELLIOT", "ELLIOTTROL", "ELLIOTROL", "ELLIOTTROL", "ELLIOTROLIC", "ELLIOTOMATIC", "ELLIOMATI" by Elliott Brothers (London), Ltd., London S.E.13; 685,686-94.

COMING EVENTS

Tuesday, May 30

DARTFORD BRANCH, PHARMACEUTICAL SOCIETY, V come Club, High Street, Dartford, at 8 Members' night.

Wednesday, May 31

SHEFFIELD BRANCH, PHARMACEUTICAL SOCIETY Medical library, Sheffield University, at 7.45 Annual meeting.

WEST LONDON BRANCH, PHARMACEUTICAL SOCIETY AND ASSOCIATION: 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Annual meeting film show introduced by Dr. J. Stanley Whit

Thursday, June 1

London Pharmacists' Branch, Association SCIENTIFIC WORKERS, 15 Half Moon St Piccadilly, London, W.1. Business meeting

HENDON AND EDGWARE BRANCH, NATIONAL PHARMACEUTICAL UNION, Edgware Underground station, at 2.15 p.m. Visit to Goya Factory, An sham.

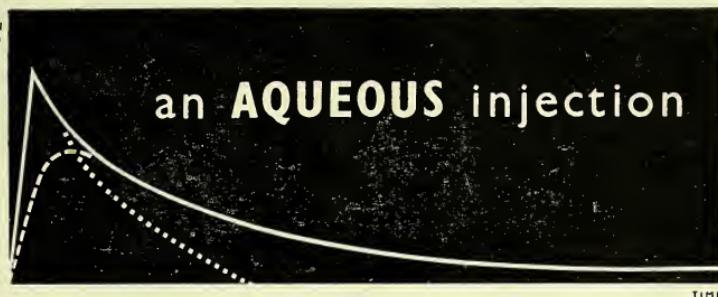
Friday June 2

WEST HAM, ASSOCIATION OF PHARMACISTS, Chu Institute, 27 Romford Road, Stratford, London E.15, at 8.15 p.m. Annual meeting.

ROYAL COMMERCIAL TRAVELLERS' SCHOOLS to hold the 1950 court of governors at St. Mins, Caxton Street, London, S.W.1, on June 11 a.m., to receive the yearly report of board of management.

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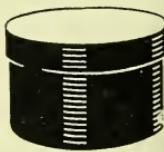
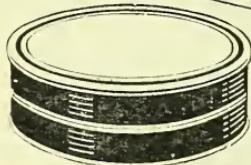
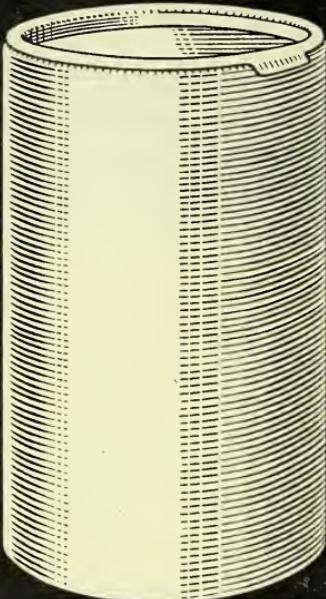
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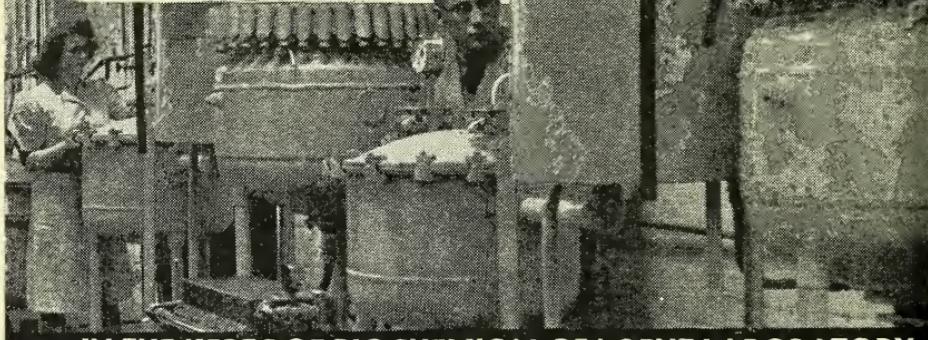
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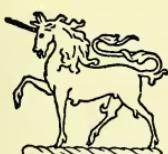
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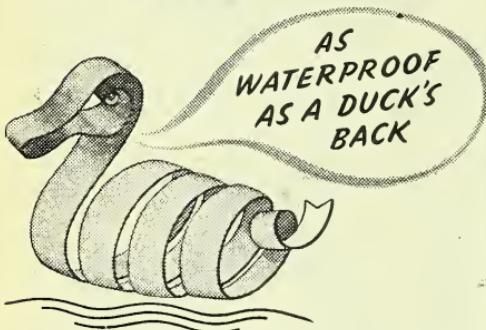
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PLASTIC ADHESIVE
STRAPPING



- 'SLEEK' PLASTIC ADHESIVE STRAPPING is completely waterproof.
- Its smooth, sleek surface resists dirt and germs. Stains can be washed off its surface easily.
- As it cannot fray, 'Sleek' stays neat and clean for days at a time.
- It is strong and extensible.
- Being very pliable it readily moulds itself to contours of joints.

'Sleek' is regularly advertised to the medical profession, veterinary surgeons, factories and industrial concerns.

Flesh colour only

| | |
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| 1" x 5 yd. spools | Retail price 2/- |
| 1" x 2½ yd. ,, | " 1/3 |

'SLEEK' SALES MANUAL

All that you and your staff will want to know about 'Sleek' is in this handy booklet. Copies free on request, or from our representative. Attractive showcards are also available.



Herts Pharmaceuticals Ltd., Welwyn Gdn. City, Herts,
Telephone: Welwyn Garden 3333

S21

BEAR BRAND HONEY



For
Purity
and Quality

As direct importers from all the main Honey-producing Countries of the World, we can supply Standard Grades of the finest Honey for all Manufacturing purposes.

Supplied in 7-lb. and 56-lb. tins and in barrels

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BROOKOL FLOROMA PYNAFORM

Disinfectants and Germicides for all purposes

BROOKOL

A chloroxylenol compound. Is a perfect antiseptic and disinfectant for home or hospital.

4 ozs. 8/- 16 ozs. 25/- per doz.

FLOROMA

A perfumed germicide and disinfectant. Ideal for drawing or sick room. Disperses offensive odours.

18/- per dozen.

PYNAFORM

A superb deodorant and disinfectant, exhilarating and refreshing.

5 ozs. 8/6 per doz. 20 oz. 21/- per doz.

BROOK, PARKER & CO. LTD.
ASHFIELD, BRADFORD



PROPRIETARIES
SUNDRIES DRUGS
TABLETS & PILLS

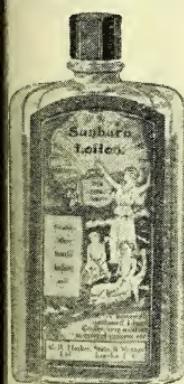
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CHEMISTS

*Manufacturing
Chemists*

Head Office & Works Mansfield Road Derby Telephone 4266 (4 lines) Branch Warehouse Grosvenor St Ashton-under-Lyne Telephone 2816 (2 lines)

Summer may be a "Patchy" one this year but
 "SHELL" SERIES make sure stocks are available
 for the sunny "Patches"

"MAGIC"



SUNBURN LOTION

A liquid cream of exceptional soothing property, delightfully perfumed.

9/6 DOZ.
(plus P/Tax)

A wonderful Preventive against sunburn, equally effective in relieving sunburn.

NON OILY. NOT A CALAMINE LOTION

7/6 DOZ.
(plus P/Tax)



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Proudly Present

THREE PROVED SELLERS IN NEW PACKS



**WHITE LIONS
ANTACID TABLETS**



**BLUE LIONS
TONIC**



**SHADFORTERS
DIURETIC TABLETS**

INCREASED TRADE DISCOUNT

These new packs carry 33½% discount backed by National Press Advertising to send you new customers. The repackaging of these products will ensure a bright display in your window and on your counter, attracting more sales.

SHADFORTH LTD.

Manufacturing Chemists

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(Chemists) Ltd.

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For over 60 years
the trade have
relied on the

**PILLS
CAPSULES
& TABLETS**

OF
HOWARD LLOYD

Many young chemists (as their fathers did years ago) are placing all their orders with HOWARD LLOYD. They know that Howard Lloyd give constant satisfaction—in special order or regular bulk supplies.

**HOWARD LLOYD & CO., LTD.
LEICESTER**

P.A.S. (*Para-aminosalicylic acid*)

NEW PACKS
LARGER TABLETS
& LARGER PACKETS

In order to meet the demand for the increasing variety of forms in which P.A.S. is being prescribed, we can now supply:—

- Sugar-coated tablets each containing 0·69 gm.
Sodium P.A.S. equivalent to 0·5 gm. P.A.S. acid in
packs of 100, 250 and 1,000.
- Cartons of 48 packets each containing 5 gm.
Sodium P.A.S.

These are in addition to the following packs which are still available:—

| | |
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| POWDER (Sodium Salt) | 100, 250, 500 and 1,000 gm. |
| AMPOULES (20% Solution) | Boxes of 5 x 5 c.c. Boxes of 5 x 10 c.c. |
| TABLETS (0·414gm. Sodium Salt) | 100, 250 and 1,000 |
| PACKETS (4·14gm. Sodium Salt) | CARTONS OF 48 |

A folder giving dispensing instructions and methods of administration is available on request



Ward Blenkinsop

& CO. LTD

HENRIETTA PLACE, LONDON, W.1

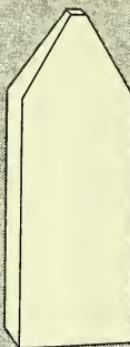
telephone: LANGHAM 3185

Grams: Duochem, Wesdo, London

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**SO MUCH
EFFECT—**



**—SO LITTLE
COST**

Keen Prices for White Wrapping Paper

If you are interested in the wrapping of your bottles—and maintaining one of the distinctive features of pharmaceutical practice—you will be interested in our remarkably low prices for white demy wrapping paper.

For sizes 8 oz. and 10 oz. wrapping costs about ten sheets a penny

PRICES

White Demy, best dispensing quality.

Per 500 sheets (approx.)

| Sizes (ounces) | 1 | 2 | 3-4 | 6 | 8-10 | 12-16 |
|----------------|-----|-----|-----|-----|------|-------|
| | 1/4 | 1/8 | 2/9 | 3/2 | 4/- | 6/- |

| | | | | | | |
|---------------|-----|-----|----------|----------------|------|--|
| Powder Papers | ... | ... | 4" x 4½" | per 500 sheets | 10d. | |
|---------------|-----|-----|----------|----------------|------|--|

Per Ream Per Quire

| | | |
|--------------------------------|------|------|
| No. 18 White Demy, 17½" x 22½" | 14/- | 9½d. |
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| | | |
|-------------------------------|------|------|
| Swedish Brown kraft 20" x 30" | 14/9 | 9½d. |
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|---|------|-----|
| Swedish striped sulphite 20" x 30" (green and mauve) | 16/- | 1/- |
|---|------|-----|

Dispensing Twine (Red, Blue, Green)

| | |
|---------------------------|---------------------------|
| 4 oz. balls 25/- per doz. | 8 oz. balls 50/- per doz. |
|---------------------------|---------------------------|

Sealing Wax 3/9 per lb.

PROMPT ATTENTION GIVEN TO SPECIAL POST ORDERS

All orders Carriage Paid in Free Packages

MACDONALD & SON LTD.

HOPE MILLS, POLLARD STREET, MANCHESTER, 4

Ardwick 1561-2

A Great Welcome -to ENO'S pre-war wrapper



The return of ENO to its attractive pre-war wrapper has been warmly welcomed. To the older generation it is an echo of the spacious bygone days. But, to the younger generation it is a colourful eye-catching presentation of a famous product. ENO press and poster advertising is now seen regularly by millions of readers.

Make the most of ENO's intensive publicity—send today for the new ENO display material and for details of free window-dressing service.

J. C. ENO LTD., Watford, Herts.

Eno's 'Fruit Salt'

World famous for over EIGHTY YEARS

Special FREE offer of

1,000 WISDOM MERRY-GO-ROUND



★ WITHOUT ANY QUALIFYING ORDER ★

WE HAVE AVAILABLE 1,000 Wisdom Merry-go-Rounds which were made up for export but are not now needed. These are exactly as distributed for home trade last year. These will be supplied free of charge without any qualifying order to any Pharmacist who has not yet either had a Merry-go-Round or who wants a new one.

THERE ARE TWO CONDITIONS ONLY:

1. *Whilst the Merry-go-Round makes an attractive window display, its real value is a counter stand. We therefore ask applicants to agree that they will use these Merry-go-Rounds on their counters.*
2. *As Merry-go-Rounds cost us quite a lot of money, we think it is also fair to ask you to keep them full of Wisdom brushes for at least three months.*

We have only 1,000 Merry-go-Rounds available, at the moment, and we must apply the rule of "first come, first served." If you want one—please send your application on the coupon below now.

As no goods are involved and no accounting is necessary these Merry-go-Rounds will be sent direct from Hertford (NOT through your Wholesaler).

Tear out this application form NOW

ADDIS LTD., BRUSHWORKS, HERTFORD

Send me 1 Wisdom Merry-go-Round Counter Stand. I intend to use it on my counter and will keep it full of Wisdom brushes for three months.

NAME AND ADDRESS (Please use label, rubber stamp, or block capitals).

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Founded 1833

for the finest
ENGLISH-DISTILLED AND IMPORTED

ESSENTIAL OILS

PEPPERMINT · LAVENDER
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ORRIS · PATCHOULI
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Over a century's reputation for
the finest qualities.

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for insomnia

'SONERYL'

the original brand of butobarbitone
has long been established as the hypnotic
of choice, and enjoys the complete
confidence of the physicians who
prescribe it. 'SONERYL' is
supplied as follows

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containers of

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| 12 x gr. 1½ | 1s. 6d. |
| 25 x gr. 1½ | 2s. 0d. |
| 100 x gr. 1½ | 6s. 9d. |
| 500 x gr. 1½ | 30s. 0d. |



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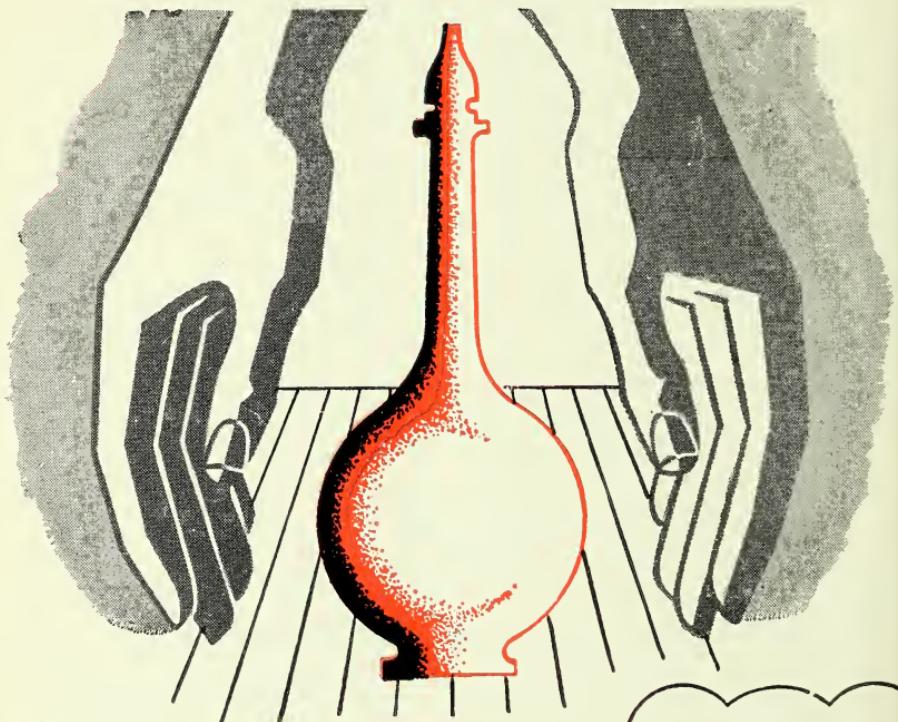
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The unseen guardians

In producing chemicals for the Pharmaceutical industry there are three absolute essentials—quality, uniformity, and purity. At Ruabon, a staff of highly-skilled control chemists watches every stage of manufacture to ensure those fundamentals. The result is that Monsanto pharmaceuticals not only conform to B.P. standards but often surpass those standards by a considerable margin. Another point worthy of note, is that Monsanto themselves, produce most of the raw materials from which those pharmaceuticals are made, thus giving the assurance of control from start to finish right along the line.

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| ASPIRIN : ASPIRGRAN |
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Write to Sales Department for Bulletin "Chemicals for the Pharmaceutical Industry".

MONSANTO CHEMICALS LIMITED
VICTORIA STATION HOUSE, LONDON, S.W.1



a little for the Home Market...

THE BRITISH FILM WITH THE
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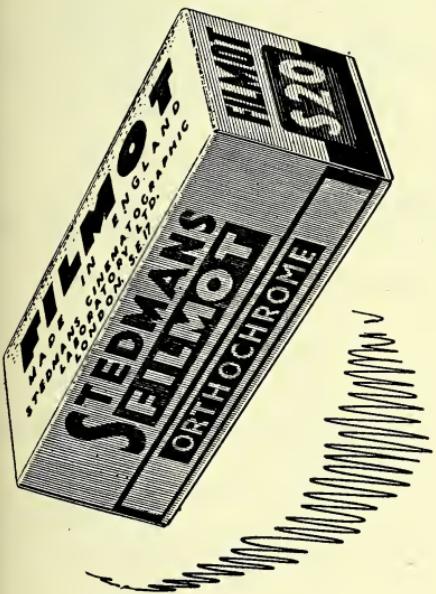
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a high grade ORTHOCHROME film
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STANDARD 8 EXPOSURES

In the following sizes

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| S 20 | | S 62 |
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The name of STEDMANS
is your guarantee of
quality - every film
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Send for Price List showing
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CINEMATOGRAPHIC LABORATORY LIMITED
WALWORTH LONDON SE17

Show 'Elasto'—
It Sells on Sight



ELASTO advertising is widespread and consistent. An ever increasing demand for this product is being created at your very door. Are you taking full advantage of this opportunity for new business created in your area by this vigorous campaign? 'Elasto' sales-aids displayed in your window or on your counter will convert the 'prospect' we have created into a customer for you. And remember repeats and recommendations come freely from initial sales of 'Elasto'.

'ELASTO'

CECIL HOUSE • HOLBORN VIADUCT • LONDON

Alfa n

Tablets are now being widely prescribed, and sell well over the counter, too.

- This Pink tablet is an A.P.C Calc—Phos base with Phenolphthalein preparation.
- It can be sold with confidence for Headaches, Colds, Rheumatic and similar symptoms.
- In packs of 25 @ 2/-, 50 @ 3/9d. and trial size at 1/-. Wholesale 13/6d., 25/- and 6/9d. doz. plus $\frac{1}{3}$ rd P.T. Opening order: 14 to the doz.

Direct or from Wholesalers

ABBOTTS DRUGGISTS LTD.
Distributors: AMBLINS SALES CO. LTD., Kilburn, N.W.6

● Notable Specialities of Cuxson, Gerrard & Co. Ltd eligible for inclusion in Plaster orders at best terms :

ADAPTOPLAST
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CARNATION CORN CAPS
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● Buy on Best Terms from
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'ZAC-ly right!

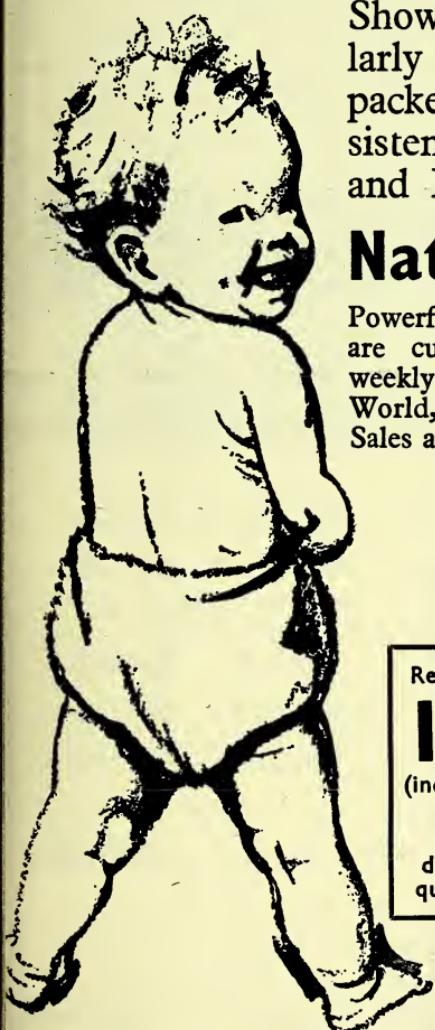
or Baby—For Mother—For You!

right for Baby's Delicate skin. Right for Mother who wants the best at moderate price. And right for YOU because Zac Baby Cream is a first class 'repeater'!

Shows you excellent profit (particularly when ordered with other packed pharmaceuticals)! And is consistently backed by both National and Local advertising.

Nationally Advertised

Powerful advertisements for ZAC BABY CREAM are currently appearing in leading women's weekly and monthly magazines. News of the World, People, and a long list of Provincial Papers. Sales are certain. How are your stocks?



Retails at

1/6

(inc. Tax)

2/6
double
quantity



DUGH, HOSEASON & CO. LTD. • ATLAS LABORATORIES • MANCHESTER, 19

Better

Value



BARBITURATES IN TABLET FORM

- Barbitone
- Barbitone Sodium
- Butobarbitone
- Cyclobarbitone

- Hexobarbitone
- Phemitone
- Phenobarbitone
- Phenobarbitone Sodium

Quality and reliability is maintained by
the supervision of pharmacists at all stages.

Quotations on request.

Supplies available from stock

MATTHEWS & WILSON LTD.

EST. 1894

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As a remedy for coughs, colds, catarrh, bronchitis and sore throats, Parkinsons' KILKOF has for years been a household word. Widely advertised during the winter months. Retail 1/6 per bottle

Manufactured by
PARKINSONS
OF BURNLEY

Of all Parkinsons' products, none has done more to build up their makers' reputation than PARKINSONS' PILLS. Nationally known for a century

P.A.T.A

PARKINSONS' PILLS



CROSSKILLS OF NORWICH

Manufacturers of
SPONGE BAGS
BABY PANTS
COT SHEETS
TOILET BAGS
VANITY BAGS
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Etc.

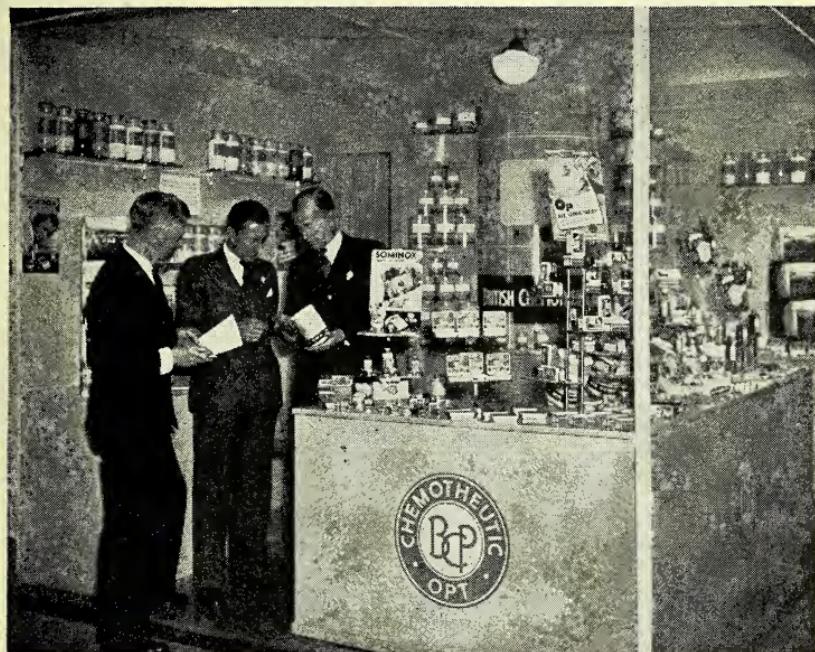
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Invited

Exceptionally Keen Prices

WRITE FOR SAMPLES TO
CROSSKILLS OF NORWICH

CHEMOTHEUTIC

PRODUCTS OF FINE QUALITY



We wish to thank all those Pharmaceutical and medical friends both at home and overseas who helped us make our Exhibit, Stand D4 at Olympia such an outstanding success. We shall be pleased to send details and price list of new preparations to all those unable to attend.

B · I · F

OLYMPIA, MAY, 1950

Stand D4

BRITISH CHEMOTHEUTIC PRODUCTS LTD.

KEMTHEUTIC HOUSE



BRADFORD P.O. BOX 242

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Thornton Lane and
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LEICESTER
for
GALENICALS
TABLETS
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and all supplies for the
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*Our own vans cover the
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It's Delicious! It's Nutritiou



MELMIL
MALTED MIL
IN TINS OR TO

ALSO AVAILABLE HIGH
GRADE MALT EXTRACT
FOR ALL PURPOSES

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DUBLIN

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Dr. J. Collis Browne's Chlorodyne
and
The Pharmacy and Poisons Act, 1933

Dr. J. Collis Browne's
CHLORODYNE

SALE RESTRICTED TO REGISTERED CHEMISTS

PURCHASER'S SIGNATURE NOT REQUIRED

Sole Proprietors:

J. T. DAVENPORT LTD.
UNION ST., LONDON, S.E.1

P.A.T.A.

There's enough Ribena now for everyone who needs it

You can widen your interpretation of "priority cases" now where Ribena is concerned. Though supplies are not unlimited, they are much easier. There is no longer the need to restrict sales, as in the past, to those really *seriously* in need of it. A modest display within the shop will suitably hint to customers that the position has altered, and doctors' certificates, green ration books, etc. are not now a "must." But no Ribena displays in the window, please! We're not very sure of the effect of long-continued sunlight upon its essential vitamin-C content.

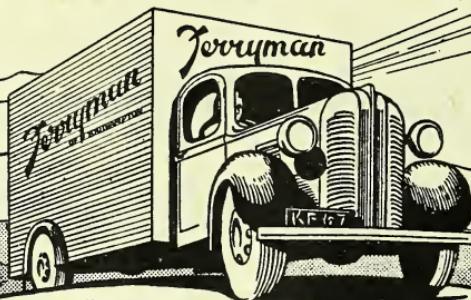


Ribena BLACKCURRANT SYRUP (particularly rich in natural vitamin C)

In any difficulty about supplies, write to C. Massingham, Supplies Director

H. W. CARTER & CO. LTD., THE ROYAL FOREST FACTORY, COLEFORD, GLOS.

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Manufacturers, Distributors, and Exporters
Drugs, Chemicals, Proprietaries, Ethicals and Druggists Sundries

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HERBERT FERRYMAN LTD.
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SUMMER PROFITS

Flycatchers:

Honeypot, Viper, Tom Thumb, Gorgon

DDT Flykillers:

Katydid (2d.) "Lanterns" (4d.)
also APEX Insect Guns

ERA Moth Cartridges and Sheets

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DAK (Birdlime) for Mice and Rats—
tubes 1/-; tins 1/9, 3/-

KAYBRO ANTI-MIDGE tubes 1/6

Write for samples and prices:

KAY BROTHERS LTD.
Kayborough, Reddish, STOCKPORT

OPTICAL LENS CLEANERS

CHAMOIS or TEXTILE

Tastefully Printed with your name, etc.

PAYNE GRAHAM LTD., 583 Scotland St., Glasgow, S.I

**D.C.L.
VITAMIN B₁
YEAST
TABLETS**

Each ounce contains a natural
Vitamin B potency equivalent
to that of 25 mgm.
Aneurin Hydrochloride, 1*1*/₂
mgm. of Riboflavin, and 80
mgm. Nicotinic Acid.
Each Tablet contains 100 L.U.
(approx.) Vitamin B₁.
100 TABLETS 3s. 9d.
50 TABLETS 2s. 3d.
THE DISTILLERS CO., LTD.
EDINBURGH.

RECOMMENDED FOR NERVES

**DR. NIBLETT'S
VITAL RENEWER
NERVE SEDATIVE**

for
70 YEARS

Retail price
6/-
per bottle
including
purchase tax.

TRADE DISCOUNT 33½%

C. P. NIBLETT (Est. 1870)
10 LICHFIELD TERRACE, RICHMOND, SURREY
Telephone: RICHMOND 3221

NURONA

SUNBRONZE CREAM and SUNTAN CREAM

are now freed from restriction of supplies and are

Available in any quantity



Made to a formula originally designed for sun-ray practitioners, the efficiency of Nurona Sun Tan Cream is unsurpassed.

The Sunbronze Cream is a development of the Sun Tan Cream, combined with a vanishing cream and packed in tubes. It has proved extremely popular because of its handiness for pocket or handbag.

Nurona prevents or relieves painful sunburn and assists rapid tanning.



Retail Prices :

SUN TAN CREAM (in bottles) . . 1/10 and 3/- inc. Tax

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White or Tinted



JAMES WOOLLEY, SONS & CO. LTD.

Victoria Bridge • Manchester 3



WN42a

**JACKSON'S
FEBRIFUGE**

1/7, 3/10, 6/4
inc. Purchase Tax

Also other famous specialities:—
Camodine Ointment and Drawing Ointment

GEORGE JACKSON & SONS LTD.,
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SPECIALISTS IN

CARRAGEEN MOSSALL GRADES
INCLUDING POWDERJ. W. CUMMING & SON LTD. 5 Tithebarn St, Liverpool 2
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CHEMIST
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CRESSWELL BROTHERS' NEW BROADSHEET
BRIGHTEST AND BEST ILLUSTRATED PRICE
LIST OF NATURAL DEEP SEA SPONGES

Send for illustrated leaflet showing our full range
of attractive sales-producing sponge-boxes.

CRESSWELL BROS. SPONGE

(INTERNATIONAL SPONGE IMPORTERS LTD.)
INTERNATIONAL HOUSE

BUCK STREET, CAMDEN TOWN, N.W.1

Gulliver 5462-3 Grams : Sponge, Norwest, London

STERILIZED CLEANING CLOTHS

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|-----------------------------|-------------|
| WHITE WIPERS @ | 130/- cwt. |
| COLOURED WIPERS @ | 87/6 cwt. |
| WASHED MUTTON CLOTH @ | 3/- per lb. |

Carriage extra. Prompt dispatch.

SHEARMAN & CO. LTD., Duke St., Tavistock, Devon

WE WANT**MILLAMALT**

SOLE MANUFACTURERS : JEFFREYS,
MILLER & CO. LTD., Leyland Mills,
Wigan. (London Dept. 19 Brookside Rd. N.19) BECAUSE OF THE BUTTERSCOTCH FLAVOUR

FENOLIN P.A.T.A.
FLUID
for WHOOPING COUGH
for use with ELDON VAPORIZERS

HALL FORSTER & CO. LTD.
NEWCASTLE UPON TYNE



Manufactured only by
J. F. WHITE & CO., LTD.
Lovington Laboratory, Benson Street, Leed

'FREEZONE' PROFIT

from "Summer-time" corns £

Summer = Corns

Corns = Freezone

Freezone = G.C.C.

G.C.C. = £10 parcel

£10 parcel = EXTRA PROFIT

Freezone' Liquid
Corn Remover re-
tails at 1/10½ (inc.
P.T.); normal trade
price (excluding P.T.) is

4/3 per doz. and P.T. 4/6 per doz. Included in an I.C.C. £10
parcel the extra 12½% discount means that 'Freezone' shows a profit
of more than 34%.



Your return =
Your outlay =
(£10 less 12½%)

YOUR PROFIT =

| | | |
|-----|----|---|
| £13 | 6 | 8 |
| 8 | 15 | 0 |
| £4 | 11 | 8 |

National and Provincial Newspapers and Magazines carry a strong selling
message throughout the summer months to all those who suffer from corns.

PICK 'FREEZONE' IN YOUR £10 PARCEL AND RECOMMEND THE CORN REMOVER
THAT 'LIFTS THEM OUT' FOR EXTRA PROFITS FROM SATISFIED CUSTOMERS.

CHOOSE YOUR £10 PARCEL FROM THESE PRODUCTS :-



FREEZONE

TRADE MARK

ANADIN · KOLYNOS · ANNE FRENCH · LYSTONE
BISODOL · PINEATE · BISURATED MAGNESIA · REUDEL

International Chemical Company Limited, Chenies Street, London, W.C.I.

"I could sit here for hours!"

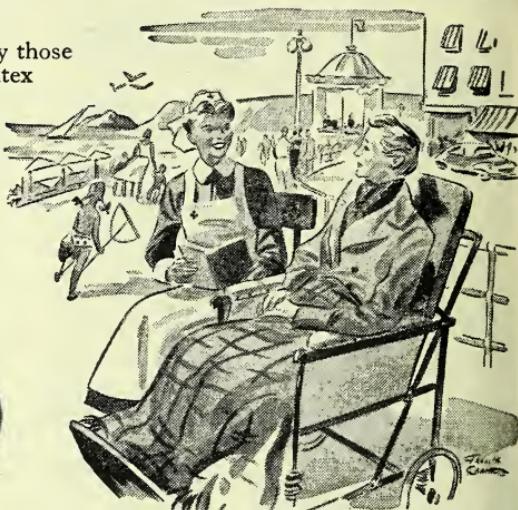
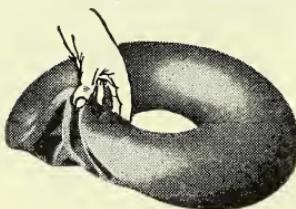
Not every convalescent can say that. Only those invalids who know about Dunlopillo Latex Foam Ring Cushions can face prolonged sitting without fear of discomfort.

Dunlopillo cavity cushions provide just the extra comfort that a sick or convalescent person yearns for. They are light in weight and convenient in size and *cannot puncture*. You can safely recommend them for anyone confined to bed or wheelchair.

Retail Price 10/-.

Type E. 10504S

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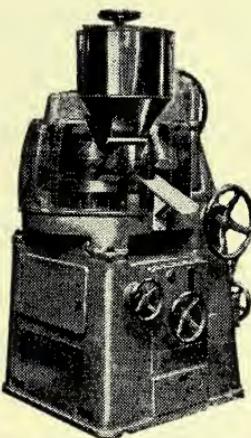
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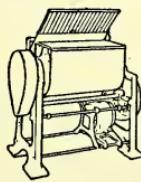
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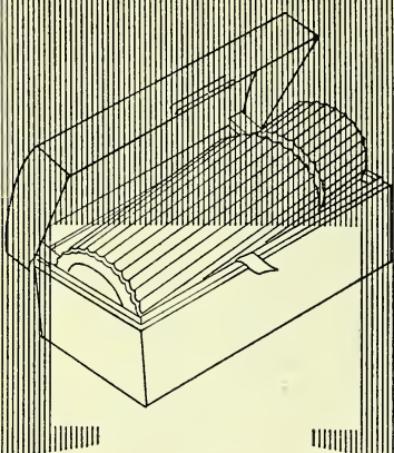
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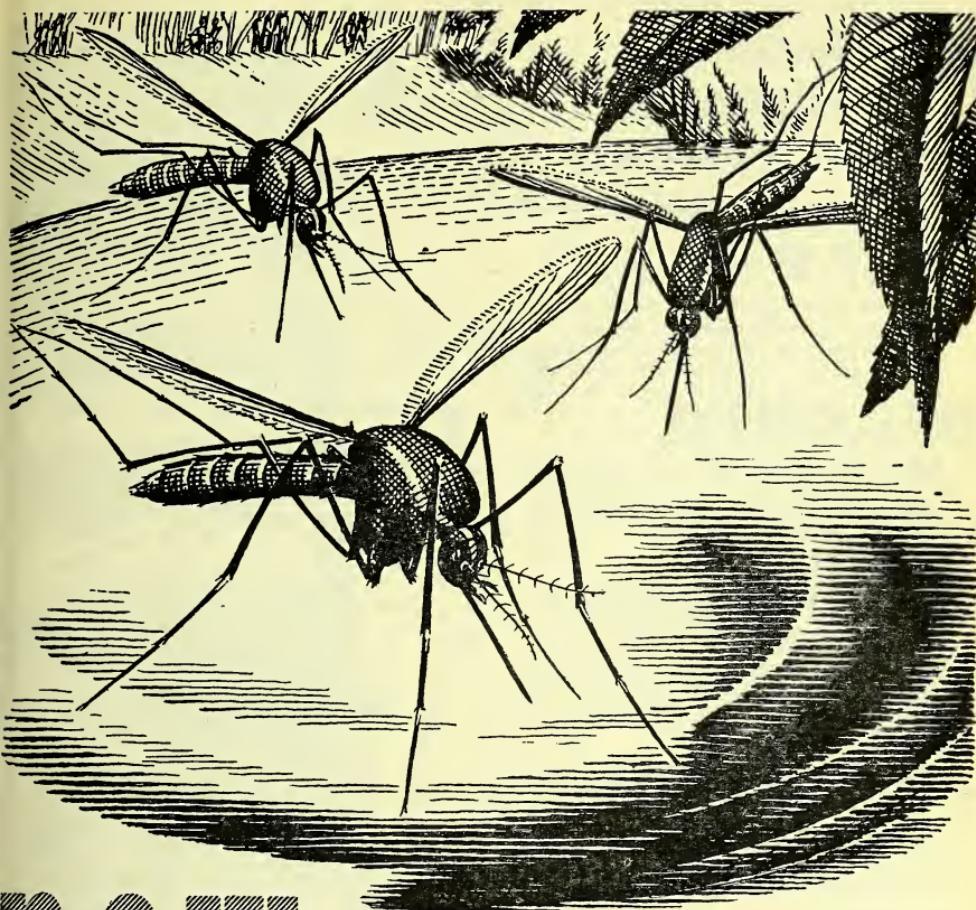
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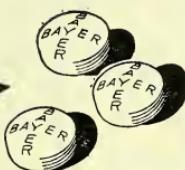
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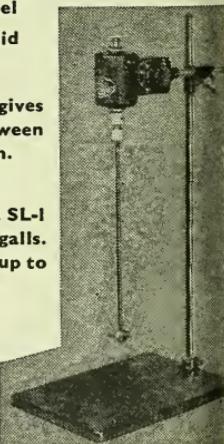
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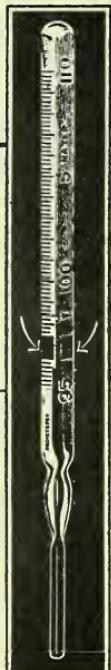
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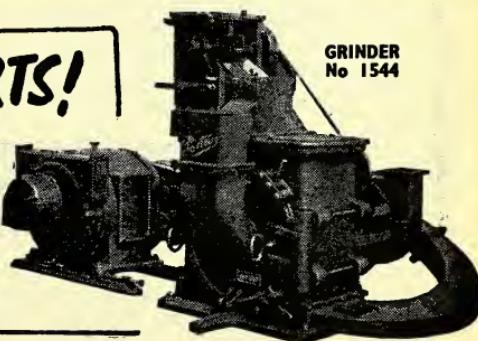
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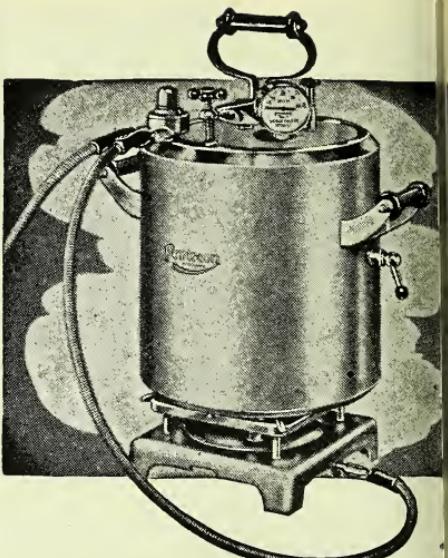
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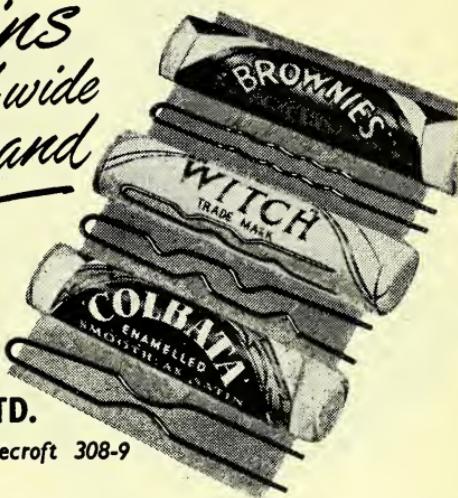
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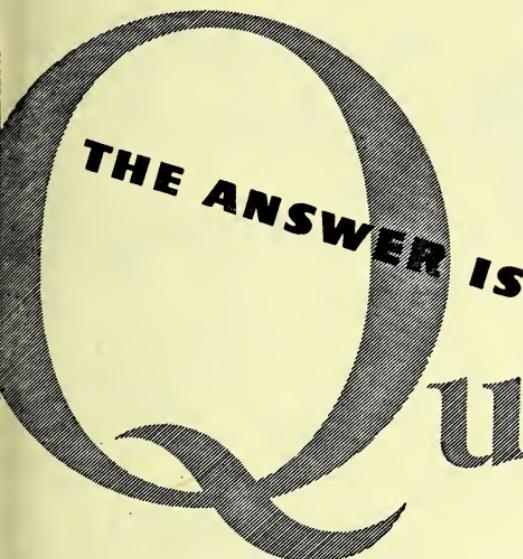
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Quant's

The great and traditional demand for Witch Hazel for so many family needs can now be met by Quant's *

Nothing can shake the deep-rooted respect for Witch Hazel as a family standby. But supplies of ordinary Witch Hazel are becoming shorter and shorter—and Quant's is rapidly capturing this market. Quant's success is due, not merely to circumstances, but to its own merits. For Quant's has all the advantages of B.P.C. Witch Hazel—and more!

SKIN TONIC AND ANTISEPTIC.
FOR TREATMENT OF BURNS, WOUNDS, BRUISES,
SPRAINS, SUNBURN, STINGS, ETC.
FOR USE AS A MOUTH-WASH OR GARGLE.
FOR USE AS AN AFTER-SHAVING LOTION.

* Prepared in England by a special distillation process from Hamamelis Virginiana leaves (containing 2% added boric acid).

Attractive showcard, as illustrated, from the distributors:—
KELDON LTD., WADSWORTH ROAD, PERIVALE, MIDDLESEX.
MANUFACTURED BY PERIVALE LABORATORIES LTD.



A sure 'seller'

... when displayed near your baby scales or with baby requisites



THE BABY **NAPSOL** DISPOSABLE NAPKIN

DISPOSABLE NAPKIN. Made of absorbent cellulose with pink unab-sorbent backing.

Pkts. of 24 = 18/- per doz.

Retail 2/- per packet.

Packet of 12—11/3 per doz.

Retail 1/3 per packet.

TIE UP SALES WITH:

The NAPSOL Baby hygienic Panty

SMALL—20/- per doz.

Retail 2/6 each

MEDIUM—22/- per doz.

Retail 2/9 each

LARGE—24/- per doz.

Retail 3/- each

Two types,

Elastic or

bound legs.

Garment

finish.

Colours—

Tearose

Pink

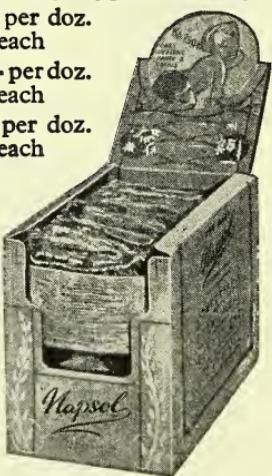
Sky Blue

Milky White

Attractive

Five Colour

Display Box



M. MERICA & Co. Ltd.

QUEENS MILL - SHAW ROAD
OLDHAM - LANCS.

Telephone: MAIN 5803

*All Set
to sell to MEN*

Puck
REGD

SWIM CAP

Just the thing for men who swim, dive, play Waterpolo, this lightweight cap with close-fitting chinstrap, keeps hair out of the eyes, protects scalp from swimming-bath chemicals. There will be lots of business here.

Supplied in outers containing 4 doz. assorted (red, yellow, pale blue and white). Each cap in individual carton. Retails at 1/9 inc. tax.

*order
this sure selling
line NOW!*
Only wholesaler supplied

GROVEWELL LTD.

656 Forest Rd., Walthamstow, London, E.

HERE'S A CORN

REMEDY YOU CAN'T BEAT

Hobson's Choice removes Corns in 3 to 7 days, it is safe, sure and painless. Backed up by widespread advertising it has become the leading CORN CURE on the market to-day.

100g Hobson's Choice
FEET PLAISTERS POWDERS

Retail Prices:

Plaisters - - 2½d.

Powders - - 1½d.

Combination Pack - 9d.



HOBSON TRIMBLE & CO., LTD.,
UNION HOUSE, LEEDS, 2

The

Chekaleke

^{Trade Mark}

Bottle closure under
PAT. No. 439062
(Extension applied for)

PLUG**The perfect seal****no leakage****no evaporation**

Regd. No. 860380

CHEKALEKE PLUGS ARE
MADE FOR ALL STANDARD
SIZE OPENINGS AND A
FULL RANGE OF SAMPLES
WILL GLADLY BE SENT
ON REQUEST

Produced by the makers of the finest glass containers

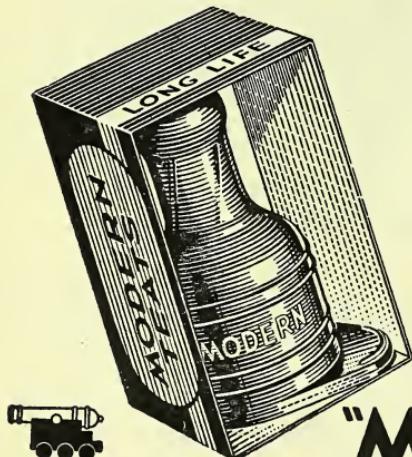
THE INTERNATIONAL BOTTLE CO LTD

PHONE:
MAYFAIR 6992
(5 LINES)

140 PARK LANE, LONDON, W.I.

GRAMS:
AUTREFOIS, AUDLEY
LONDON

PLEASE MARK YOUR ORDERS



*One Hole
OR 3-Hole
PERFORATION*

It does not appear to be generally known that the "MODERN" Teat, now being sold in ever increasing numbers, is available both in 1-hole and 3-hole perforation. The mother's choice is dictated by the individual needs of Baby and it is worth while to have both varieties in stock.

In an attractive, transparent pack, the "MODERN" Teat is backed by consistent National advertising. (From your regular wholesaler).

RETAILERS! Send now for a supply of the new "MODERN" Weight Card and sale-promoting showcards direct to the manufacturers of the

"MODERN" ANTI-COLIC TEAT

CANNON RUBBER MANUFACTURERS LTD. (Dept 30y) 5A WELBOURNE RD, TOTTENHAM, LONDON N.14

Steadily drifting South...

Askit

THE POWDER WITH A REPUTATION

For over 30 years
Scotland's leading
Proprietary Medicine

for the speedy relief of
Headaches, Neuralgia, Neuritis
and all Nerve Pains.

Manufactured by
ASKIT LTD MANUFACTURING CHEMISTS
GLASGOW N
and stocked by
ALL LEADING WHOLESALE HOUSES

An
ALL-BRITISH FIRM
have pleasure
in announcing that:—

BRONCHOVYDRIN

is back on the
BRITISH MARKET

★

EXEMPT from PURCHASE TAX

★

This Inhalant for the Treatment of
Asthma is now Obtainable from the

Manufacturers and Sole Distributors:—
BRONCHOVYDRIN (1945) LTD
12 WESTWOOD ROAD • BARNES • S.W.13

LIFEGUARD LEADS

Regd. Trade Mark

to healthier profits for YOU

It's a good line, Lifeguard, isn't it? It's making a big splash in the advertising columns of the Press. It makes a fine show on the counter of your shop.

It's the line of a lifetime — Lifeguard.





Are you making the
most of this business?



VETERINARY COUNTER PRACTICE



TENTH EDITION 1949

A new edition of this invaluable book is now available. A new Supplementary section devoted to the veterinary applications of the Sulphonamides and of Penicillin has been included, together with useful formulas and other matters of practical pharmaceutical importance. Indispensable to the rural pharmacist, profitable to the town pharmacist, this book provides up-to-date information in concise form.

Send Remittance to :

15/- postage 6d.

THE CHEMIST AND DRUGGIST

28 ESSEX STREET, STRAND, LONDON, W.C.2

Central 6565

COMPRESSED

MEDICINAL & OTHER
TABLETS

Made to any shape or size up to
1½" (bulk or packed)

Private Formulae Compounded by
Experts

Telephone :
CANonbury 3401

The Manufacture of
CONTRACEPTIVE FOAM TABLETS

has been one of our Specialities for
many years.

Enquiries Invited.

BUCKLEY-BOWKER TABLET CO. LTD.
29 PARKFIELD STREET · LONDON · N.I.
ESTABLISHED OVER A QUARTER OF A CENTURY



Individually packed
in cartons

DISPLAY CARD OF 18

RETAIL 2/3 PRICE

Sole Distributors:

CRAIG & PARSONS LTD., 82, Stafford Road, Wallington, Surrey
Phone: Wallington 3694

15/4 per doz. plus
Purchase Tax
Usual discount to
Wholesalers

The remarkable success of the "Craigway" Corn Plane is due to the principle involved. The angle of the blade is the secret. This new and profitable line only needs showing to SELL!



We'll help you sell Blue Gillette Blades

The Gillette animals are going all out on their job of helping you sell more Blue Gillette Blades. In the coming months heavy advertising will put their cheerful message before all men who have whiskers to keep down. Everyone who comes into your shop will have "Good mornings begin with Gillette" somewhere in his mind. Remember it's display that turns a memory into a sale so be ready with enough stock, and show Gillette.



As from 1st June, 1950, retail prices are:—

**BLUE GILLETTE
AND VALET BLADES**

10 for 2/8d.
5 for 1/4d.
2 for 6½d.

THIN GILLETTE BLADES 7 O'CLOCK BLADES

12 for 2/3d.
6 for 1/1½d.
2 for 4½d.

10 for 1/6d.
5 for 9d.
2d. each

All prices include Purchase Tax

more customers — more profits!



By using Shomor Equipment you can build up interest in your modern display cases that will attract more custom to your shop and extra profits for your till.

Write NOW for free copy
of the Shomore booklet
**"LOOK BEYOND
YOUR WINDOWS"**

Sell more by 'shomore'

PARNALL & SONS LTD.
LODGE CAUSEWAY • FISHPONDS • BRISTOL

DEATH to MOTHs NEW LIFE FOR YOUR BUSINESS



STOCK PROMOL JUNIOR MOTH RINGS and cash in on the Moth menace. By incorporating Naphthalene with Parathion and DDT, they KILL as well as repel. The first two ingredients, powerful repellants, gradually evaporate, leaving the deadly DDT as a fine powder that KILLS BY CONTACT.

Displayed in their attractive red, white and blue cartons at 8 rings for 4d. They are BETTER-THAN-EVER SELLERS. Send your enquiries today:

PROMOL

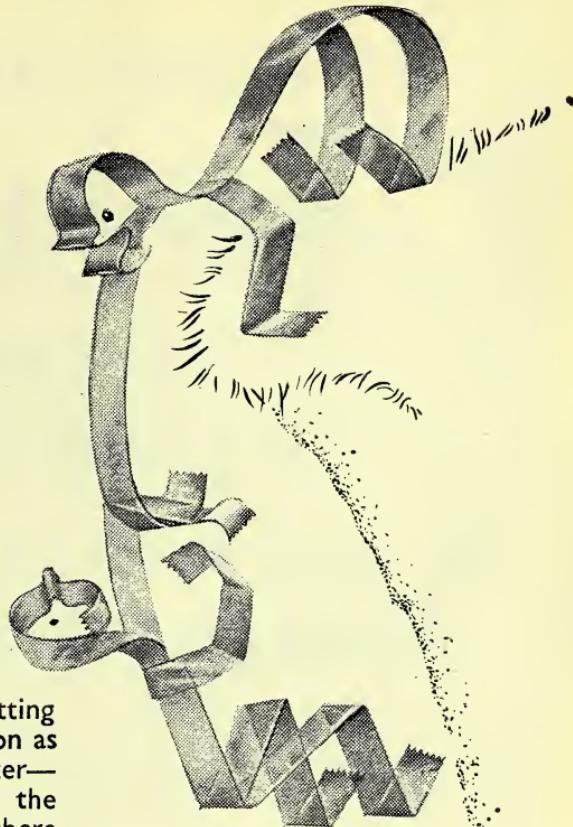
Junior
MOTH RINGS
PROMEDICO PRODUCTS LTD.

22 TURLE ROAD, LONDON, N.4

Sellotape

Holds

You won't find Sellotape letting you down! It sticks fast as soon as it touches, without gum or water—quickly, cleanly, easily—it's the most reliable packing medium there. Use Sellotape for your 'Over the counter' packages—it's so much quicker than string, just as strong and looks so much better, too! Bottle labels stay clean and legible when protected with Sellotape.



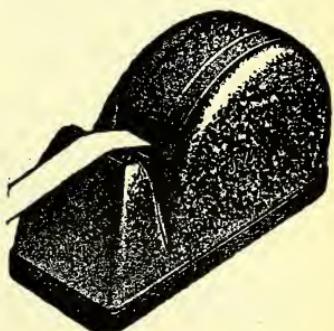
Sellotape is also available in handy dispensers for resale to the public. Backed by National Advertising and striking display material, they really sell! So make sure your stocks are adequate. Write or phone for full details, now!

SELLOTAPE

SELF-ADHESIVE CELLULOSE TAPE

The word "BONDED" in connection with adhesive tape implies that the adhesive is firmly bonded to the tape. This of course, long been true of SELLOTAPE

GORDON & GOTCH LTD.
4 GORDON HOUSE
FARRINGDON STREET
LONDON, E.C.4
Telephone : CENTRAL 5211



FAMOUS FOR OVER 90 YEARS

Fennings' HOME REMEDIES

the well tried Profit-earning
READY 'SELLERS'

FENNINGS' CHILDREN'S COOLING POWDERS

Retail at 1/6 and 3/6 and
in Show Packs of 100's and
740's

Fennings' Little Healers

For Coughs, Colds, Bronchitis, etc.,
Also 7/- per Carton of 1/6.
Packets, retailing at 7d.
each.

FENNINGS' WHOOPING COUGH MIXTURE

And for other Cough
too. Retails at 1/-

FENNINGS' RHEUMATIC TABLETS

Retail carton Price of 2/6 for
45 Tablets

Fennings' SULPHUR POWDERS

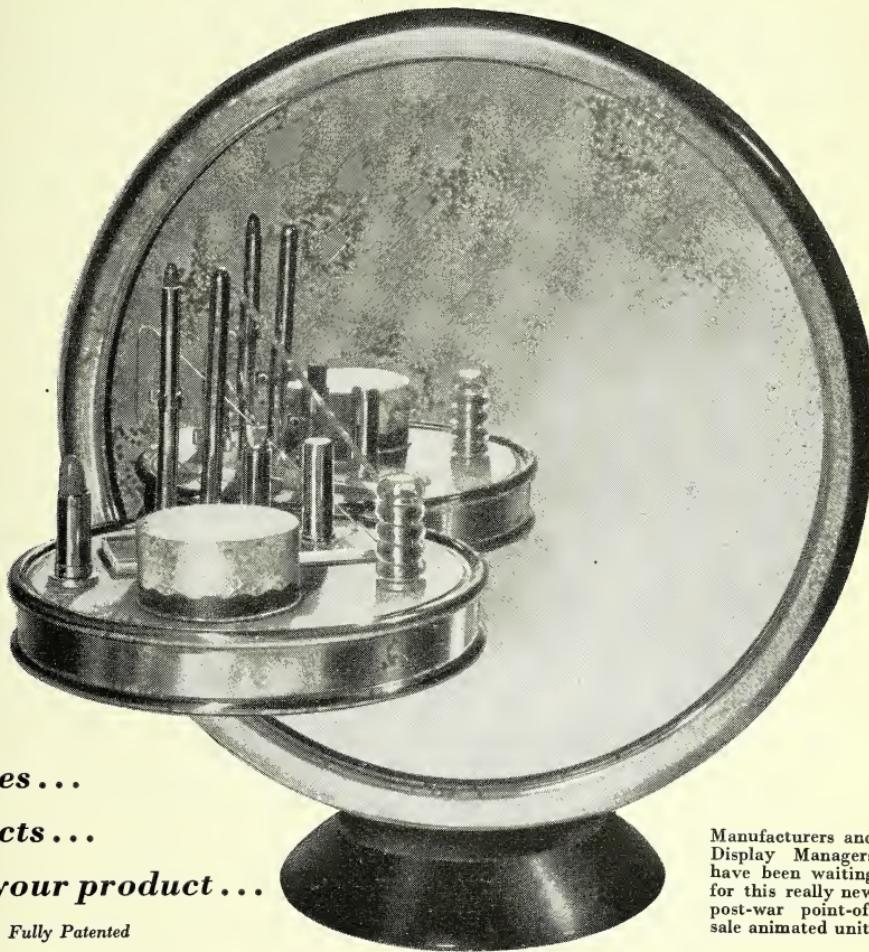
retails at 1/6 and 3/6.

Fennings remedies supplied by a continuous advertising campaign are in demand. Wise men always keep Fennings Remedies handy; they proved their value by experience. Make sure you have sufficient stocks. Order through your wholesaler, or if in difficulty write to:

ALFRED FENNINGS • HORSHAM • SUSSEX

the 'MAGIC MIRROR'

. . . an animated unit that mystifies and magnifies your sales



rotates . . .

attracts . . .

sells your product . . .

Fully Patented

Manufacturers and
Display Managers
have been waiting
for this really new
post-war point-of-
sale animated unit.

The Belfor Magic Mirror will make your display colourful, alive, outstanding above your competitor, and is a permanent salesforce in itself, deserving a place of honour in your shop window.

The displayed object is shown, by the unit, from all angles when it turns around its own axis, and the mirror reflects it in successive phases.

The ideal display for COSMETICS, PERFUMERY, BRUSHES, COMBS, TOILET ARTICLES, PATENT MEDICINES, MEDICAL APPLIANCES, etc., etc.

All particulars from the sole distributors :—

BELL & FOREST LIMITED
HAFTESBURY BUILDINGS, 5/7 DENMAN ST., PICCADILLY, LONDON, W.I.
Telephone : GERRARD 2924-5-6 Telegrams : BELFOR, PICCY, LONDON

A NEW Jean Sorelle

SENSATION!

Jean Sorelle offer the trade a really delightful new line—
“GARDENIA DEW” BATH CUBES.

Nicely presented in a three colour counter display (illus.) with the cubes wrapped in foil with a three colour wrapping, they retail

at 2/3d. for 6 or 4½ d. a cube.
They are excellent water-
softeners and have a very
pleasant aroma.

*Please let us have your
enquiries early.*



Wholesale 10/9 per
doz. boxes plus P.T.

★ Advertised April to June in “London Evening News”, “Evening Standard”, “Star”, “My Home”, “Good Housekeeping”, “Good Taste”, “Weldon’s Ladies Journal”, “Woman & Beauty” (25,000,000 circulation).

Jean Sorelle Ltd., Makers of fine toilet preparations
21-22 TURLE ROAD, LONDON, N.4 Tel: ARCHway 2736/2771

TEAL CLOSURES

get coloured sketches for your decorated closures

and make all the necessary tools and gauges

atories will recommend the best liner for

uct, we operate modern lithographic

shops and when the closures are finally

produced they are individually inspected.

"The complete co-operation and liaison between our Bottle and Cap Works ensure the perfection of the container and closure."

G B

TLES
AND
SURES
Perfect Pair

UNITED GLASS BOTTLE MANUFACTURERS LTD.

8 LEICESTER STREET, W.C.2

Tel: GERRARD 8611 (18 Lines)

Grams: UNGLABOMAN, LESQUARE, LONDON

This bright
'HELP YOURSELF' OUTER
will double your sales

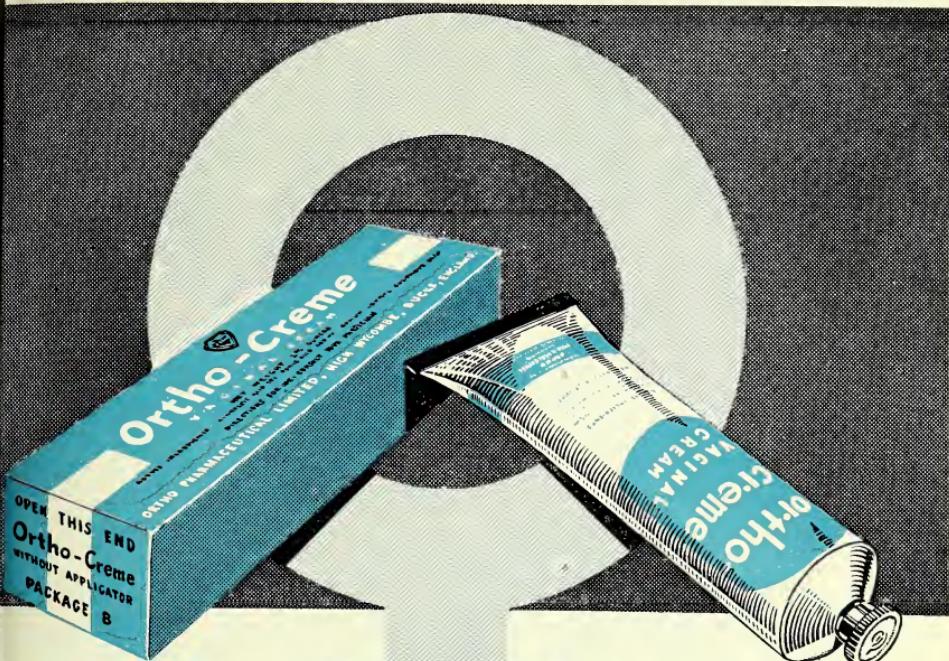


Put it on your counter . . .
sales are growing faster than
those of any other shampoo!

Silvikrin *Soapless Shampoo*

SILVIKRIN LABORATORIES LTD.

Sole Selling Agents: Prichard & Constance (Manufacturing) Limited, North Circular Road, London, N.W.10 ELGar 8095



Ortho-Creme

a dependable aesthetically pleasing contraceptive

Physicians everywhere have welcomed this new Ortho product. Ortho-Creme, like Ortho-Gynol, is instantaneously effective, easily applied and economical. Ortho-Creme Vaginal Cream is a product of pharmaceutical elegance calculated to appeal to the most fastidious woman.

Immediately available from your wholesaler Package "A" (complete with Applicator). Package "B" (tube only). With Ortho - Creme, Ortho's vigorous medical promotion offers pharmacists yet another opportunity to increase sales volume.

Display . . . and Sell Ortho-Creme

ORTHO PHARMACEUTICAL LIMITED

HIGH WYCOMBE · BUCKS

Makers of Gynaecic Pharmaceuticals



NATIONAL

for White Flint Glass Containers of Quality
 for delivery from stock, in convenient easily
 handled cartons



DISPENSING BOTTLES

1-oz. to 20 oz. Plain—
 Cork Mouth or Screw.
 2-oz. to 16 oz.—Plain or
 Graduated.

RIBBED OVALS

Cork Mouth or Screw.

VIALS

$\frac{1}{2}$ -oz. 1-oz. $1\frac{1}{2}$ -oz. 2-oz.
 3-oz. Medium or Tall.

TABLET BOTTLES

Nos. 1 to $7\frac{1}{2}$ sizes.

ROUND SCREW JARS

$\frac{1}{2}$ -oz. 1-oz. 2-oz. 4-oz.
 $2\frac{1}{2}$ -oz. Shoulderless
 Screw Jar.

SCREW CAPS

White Enamelled Tin-
 plate, Aluminium and
 Black Bakelite.

National Glass Works (York) Ltd.

Fishergate
YORK
 Tel YORK 3021

105 Hatton Garden
LONDON, E.C.1
 Tel: HOLborn 2146

WHOLESALE ONLY



*Another fast-selling
Hygex line!*

Designed in the finest post-war style, with hard-wearing bristle top and bottom, this HYGEX Nail Brush will sell fast—like the other popular brushes in the heavily-advertised HYGEX range. The HYGEX Nail Brush No. 750 (as shown) retails at 3/6d. each, and is supplied in an attractive counter display carton containing $\frac{1}{2}$ doz. brushes.

*Your wholesaler
will show you
the complete range.*

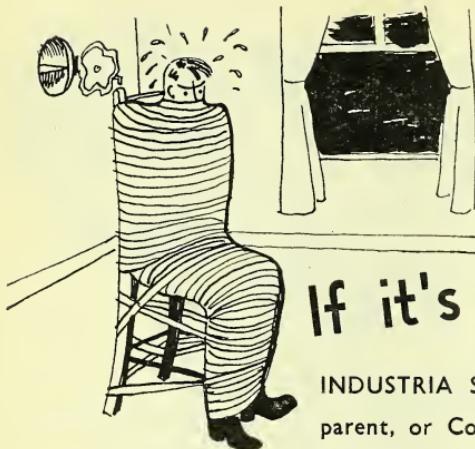
**NAIL
BRUSHES**

Hygex

Manufacturers :

ANDERSON BROS. & CO. LTD.

WELL ROAD, LONDON, E.10. PHONE: LEYTONSTONE 5202/3



If it's well TAPED.

It's taped with self-adhesive

INDUSTRIA SPEEDFIX Double-Bonded Cellulose in Translucent, transparent, or Coloured, Plain or Printed on single or double-ply tape.

Cloth • Glass-fibre • Paper • Masking Tapes • Electrical Tapes

If it's self-adhesive it's

INDUSTRIAL TAPES LIMITED

92-94 Newman Street, London, W.I. Museum 4215



A small pack which does a big job and has a great sale. Stock the 27 lovely colours in the Jiffy Range and enjoy the goodwill from this Household name. Glass tubes keep the dye always in perfect condition— an important point.

JIFFY DYES

WILLIAM EDGE & SONS LTD.
BOLTON LANCS.

JN899



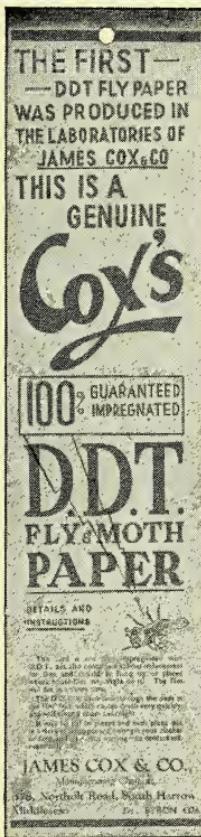
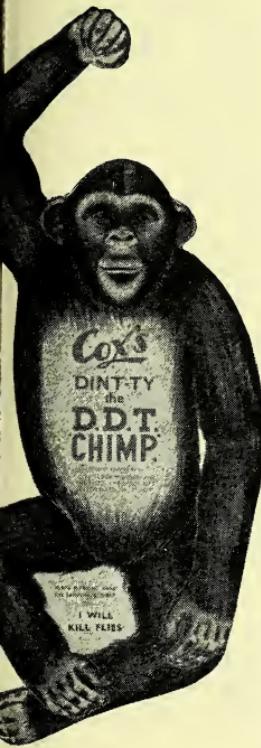
**CORKS,
STOPPERS,
ETC.**

Telephone ROYAL 4922
**CAMPERDOWN STREET
LONDON, E.I.**

COX'S D.D.T. CARDS

ARTISTIC EFFECTIVE THE BEST

THEY DO KILL FLIES



COX'S D.D.T. CHIMP

RETAIL 3^D EACH

WHOLESALE 24/- PER GROSS

Generous terms to Wholesalers, Factors, etc., upon application

ALL ACCOUNTS LESS 1 1/2% — 30 DAYS

OVER 12,000 PHARMACISTS STOCK COX'S D.D.T. CARDS

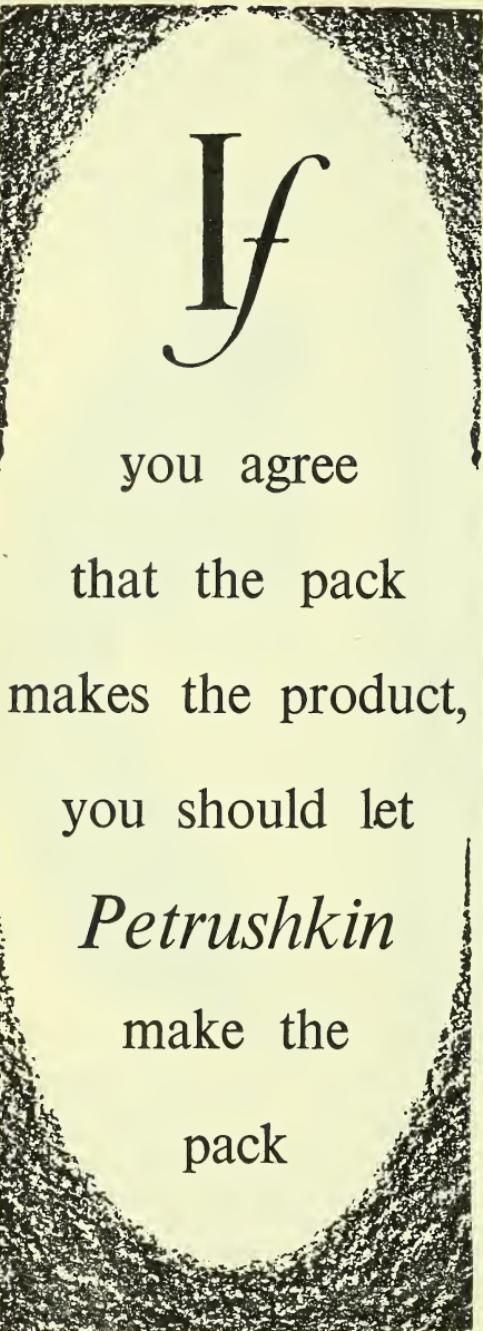
Because they are guaranteed 100% impregnated and have a TWO YEAR-LIFE . . . Not merely surface coated

Obtainable from all leading Wholesalers, or direct from

James Cox & Co.

T. WORKS, NORTHOLT ROAD, SOUTH HARROW, MIDDX.

Telephone : BYRon 4326



M. PETRUSHKIN LIMITED. Established 1894
Cardboard Box Manufacturers and Printers.
183 BOW ROAD, LONDON, E.3 • Advance 3131-2



You get so many people asking for 7 O'CLOCK these days that your stock turns over before you can say "triple ground". It's the consistent performance of 7 O'CLOCK blades that brings people back for them time after time. They know that every blade in every packet will give as good a shave as the one before—and that saying something. 7 O'CLOCK advertising puts over this story for you in its own ever-popular way.



TRIPLE - GROUND FOR EXTRA SHARPNESS

Trade enquiries to your wholesaler or to Gillette Industries Ltd., Gillette Corner, Great West Road, Isleworth, Middlesex

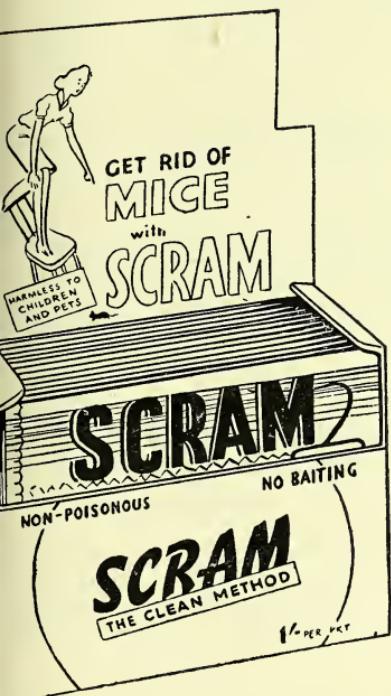
SCRAM

THE CLEAN METHOD

NO BAIT • NO TRAPS • NO BODIES

**THE BEST REMEDY
AGAINST MICE**

OVER 1,000,000
PACKETS SOLD YEARLY



I DOZEN DISPLAY BOX

8/9

3 DOZEN DISPLAY BOX

25/6

ail | /- per pkt.

NATIONALLY
ADVERTISED

isplay the

ACKS THAT SELL, SELL, SELL!

on your wholesaler or direct

AM PRODUCTS LTD., Dartmouth Park Hill, London, N.W.5



- "I'M WILY..."
'COS I GET THE FINEST
DOG FOOD IN THE WORLD"

WILES
 VITAMIN DOG FOOD

Still the cheapest and best
 Be a "Wily" Chemist
 Contact your wholesaler today or if in difficulty
 WILES, WOODMANSEY, BEVERLEY, YORKS

CONTAINING
MEAT · LIVER · FISH
 PLUS CEREALS
NO POTATO FILLER
 SAME SIZE
 SAME QUALITY
NEW PRICE

7½
 PER TIN

Ask for range of Showcards and Window Bills

Representatives required in most parts of the U.K. for exclusive territories
 on commission basis. Applicants are invited to apply to the Sales Manager,
 Wiles Dog Foods, Woodmansey, Beverley, E. Yorks.

Tintex

THE WORLD'S
 LARGEST-SELLING
HOME DYE

CHEMISTS AGENTS:—
 Thos. Christy & Co., Ltd.
 Farnham, Surrey

FERRIS & COMPANY, LTD

BRISTOL.

MANUFACTURING AND
 WHOLESALE CHEMISTS

The House In the West for all
 Chemists' Supplies.

Send us your orders for prompt
 and careful attention.

Regular Road Deliveries.

Telephone:
 BRISTOL 21381

Telegrams:
 FERRIS, BRISTOL

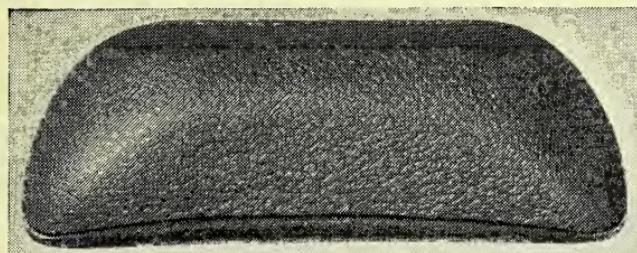
THE "FORSETTA" METAL SPECTACLE CASES

per Spring
Lid

ompletely
STPROOF

Prompt
Delivery

riage Paid



Size 21
Hockey End

Only Best
Quality
"Rexine" used

Best Value
Obtainable

The following colours: Cambridge, Oxford and Marina Blue, Black Blue, Red and Black Linen, Lizard Brown, Cherry Red, Red, etc.

Price 12/- doz. plus 8/- doz. Purchase Tax. Special price for quantities.

**E HAVE SECURED THE AVAILABLE STOCK IN THIS COUNTRY OF
AMERICAN MANUFACTURED LENSES**

VERY SPECIAL OFFER

Best quality Toric Lenses 40 M/M Bevel-Edged (Round). Full range in Spheres from no to 6.00 and in Cyls from 0.25 to 2.00 plus and plus, and minus and minus. All best U.S.A. Manufacturers:— Bausch & Lomb; E. B. Meyrowitz (Inc.); Shuron Optical Co. (Inc.); American Optical Co.; Renaud Optical Co. (Inc.), etc.

PROMPT DELIVERY. ORDER NOW WHILST WE HAVE THEM.

Also a limited number in 0.25 to 9.00 plus meniscus.

ND US YOUR ENQUIRIES FOR QUICK DELIVERY OF

UNCUT LENSES FIRST QUALITY

In: TORICS, MENISCUS, FLATS and FLATS SPH/CYLS
All sights in first, second and third ranges.

PECCTACLE FRAMES at Special Price whilst they last!

We have purchased the whole stock of Valley Industries Ltd.

Contour Eye, Screw Joint, Reinforced-side Spectacle Frames in Brown Mottle, Flesh, Tannin Leaf, Demi-Blonde and some Black — Assorted Sizes.

| | | | | |
|-----|-----|-----|-----|--------------------------|
| 514 | ... | ... | ... | 58/6 per doz. pairs nett |
| 524 | ... | ... | ... | 63/- " " " |

SIR JOHN PRATT & CO

(Proprietor: Sir John Pratt, J.P.)

Manufacturing Opticians

FORSET COURT, EDGWARE ROAD, LONDON, W.2

Telephone: PADdington 4104

ASPIRIN is an acidic substance, sparingly soluble**DISPRIN** is neutral, stable, soluble—and palatable

The reasons for preferring calcium aspirin to aspirin lie chiefly in the fact that it is a neutral, soluble and bland compound, whereas aspirin is acid and sparingly soluble and may act as a gastric irritant. But calcium aspirin has

defect of its own—chemical instability; and consequence attempts to manufacture it in form of a stable tablet have hitherto met with little success. These difficulties have now been overcome. 'Disprin,' a stable tablet preparation readily dissolves to yield a substantially neutral and palatable solution of calcium aspirin that can be prescribed in all conditions in which acetylsalicylate administration is indicated, except cases of extreme hypersensitivity.

On prescription Disprin is free of Purchase Tax
Clinical sample and literature supplied on application

RECKITT & COLMAN LTD., HULL AND LONDON. (PHARMACEUTICAL DEPT., HULL)

STORAGE MADE SIMPLE

"SECO"

STEEL STORAGE EQUIPMENT

FOR FACTORIES AND STORES

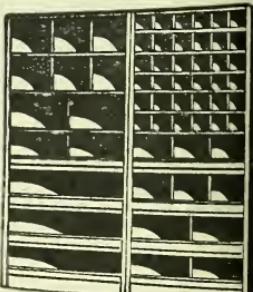
SECO Steel Equipment is suitable for all storage requirements, giving maximum storage capacity in the minimum floor space. A SECO Standard Unit is available to suit your every storage need. All units can be easily assembled with a screwdriver and spanner by unskilled labour on site. We also undertake the production and installation of storage equipment to customers' own specifications. The illustrations show a few standard units from the SECO Range. Send for List C.D.

The STEEL EQUIPMENT CO., LTD

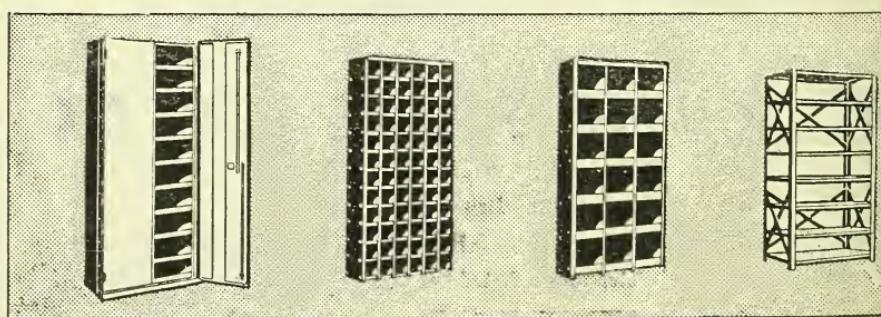
Greets Green, West Bromwich, Staffs.

Phone: TIPTON 1137-8-9

Grams: Equipit, West Bromwich



UNIT No. 950/1

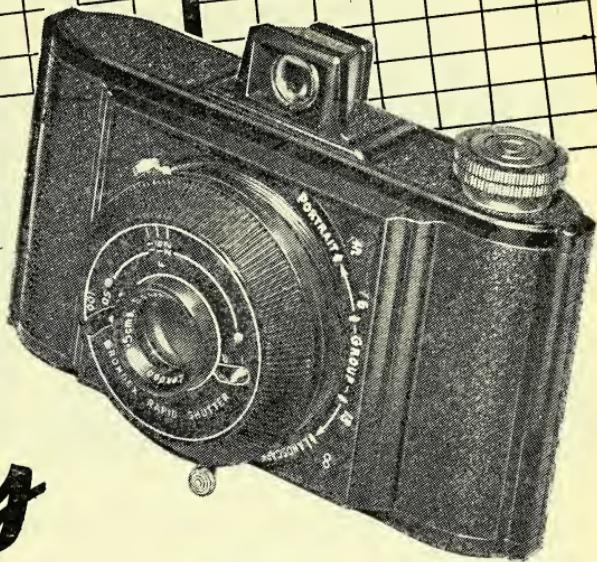


JUNE

JULY

AUGUST

NOW'S THE TIME TO SELL *Wembley Sports*



"YOUR CAMERA
AT ALL EVENTS"

STOCK up now with this fast-selling line join the hundreds of dealers who will be ing a big harvest of profits.

"Wembley Sports" is designed for everyone wants good photography with minimum able at the lowest outlay. It is the ideal era for all occasions, producing sharp, crasy "snaps."

Give the "Wembley Sports" a good display striking red, black and yellow box, together colourful showcards and counter leaflets make ready sales.

Useful accessories are the Ever Ready case with leather "nose" to protect mount, complete strap at 16/6; black anodised Lens Hood filter holder at 10/-; 27 mm. Chance cal glass colour-filters, 1½ x yellow, 2 x Deep low and 2 x Yellow Green at 6/10 each.

★ TAKES PICTURES $3\frac{1}{4}'' \times 2\frac{1}{4}''$
(SIZE 120 FILM).

★ SPORTAR LENS 8.5 cm.
f/11, f/16, f/22.

★ RONDEX RAPID SHUTTER
1/25, 1/50, 1/100 sec. and Time.

★ FOCUSING SCALE
4 ft., 6 ft., 13 ft., Infinity.

★ DIRECT VISION OPTICAL
VIEWFINDER.

RETAILS
AT £4-17-6
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Scurf & Dandruff Lotion

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NEW *Toni* PIN Curlers

prove best-selling certainty!

another profit-maker for you!

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JUNIOR REFILL

for odd end curls and tidying-up between perms. Contains waving lotion, end papers and neutralizer for 14 to 18 curlers. Trade Price 2/-. Purchase Tax (100%) 2/-. Retail Price 5/- (incl. Pur. Tax)

Millions of American women use Toni with the new SPIN Curlers. Actual sales in the United States prove this. These same SPIN Curler Kits are being introduced in Britain too. It's the most exciting development since Toni Home Perm was first introduced. It will boost over-all Toni sales everywhere.

Backed by all-out advertising effort

Toni with new SPIN Curlers will be backed by the heaviest concentration of advertising in the history of Toni in this country — at a time when most women want and need a new perm!

Make sure your stocks of the full Toni range — including Standard Curler Kits and Refill Kits — are adequate to meet the demand.

Feature
TONI Home Permanent
with new
SPIN Curlers

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|--------------------------|
| Trade Price 6/8 |
| Pur. Tax (100%) 6/8 |
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Includes six
Midget SPIN
Curlers for winding neck-line hair.



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NEW THEME**

**LARGER
SPACES**

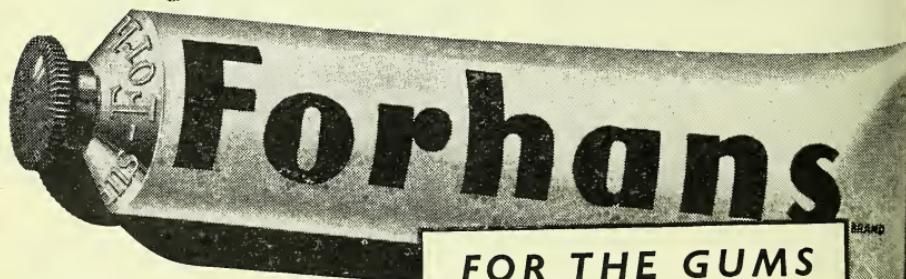
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'Seventy One'
BATH CUBES

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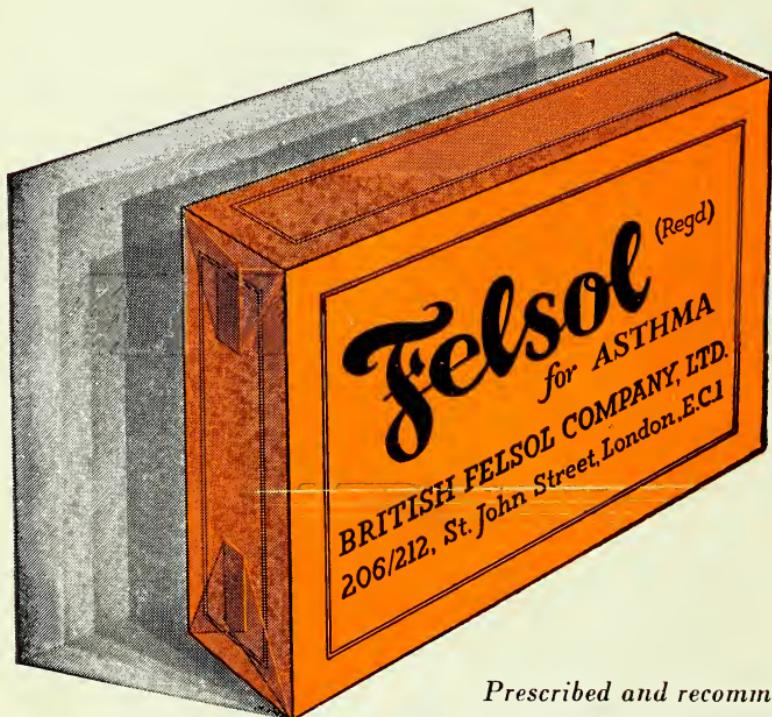


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